

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034149.D
 Acq On : 17 Feb 2023 10:18
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 17 12:15:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:12:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	461145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	780935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	671506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121070	19.494	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.980%#		
35) Dibromofluoromethane	5.385	113	99083	19.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.980%#		
50) Toluene-d8	8.646	98	364134	19.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.900%#		
62) 4-Bromofluorobenzene	11.079	95	136716	19.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76379	19.168	ug/l	100
3) Chloromethane	1.294	50	107577	18.760	ug/l	99
4) Vinyl Chloride	1.373	62	97271	18.626	ug/l	99
5) Bromomethane	1.605	94	51521	22.391	ug/l	99
6) Chloroethane	1.690	64	52232	19.895	ug/l	96
7) Trichlorofluoromethane	1.885	101	133572	18.905	ug/l	100
8) Diethyl Ether	2.135	74	52784	18.544	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	89054	17.898	ug/l	94
10) Methyl Iodide	2.452	142	113300	18.702	ug/l	94
11) Tert butyl alcohol	2.952	59	136065	97.954	ug/l #	81
12) 1,1-Dichloroethene	2.318	96	92690	18.583	ug/l	97
13) Acrolein	2.233	56	56511	89.123	ug/l	96
14) Allyl chloride	2.666	41	198819	18.791	ug/l	88
15) Acrylonitrile	3.062	53	298090	98.370	ug/l	99
16) Acetone	2.373	43	292634	91.343	ug/l	92
17) Carbon Disulfide	2.513	76	268102	18.696	ug/l	99
18) Methyl Acetate	2.702	43	196512	19.824	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	331125	18.810	ug/l	95
20) Methylene Chloride	2.788	84	104600	18.121	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	99745	19.084	ug/l	92
22) Diisopropyl ether	3.757	45	368169	19.849	ug/l	96
23) Vinyl Acetate	3.720	43	1477157	99.398	ug/l	100
24) 1,1-Dichloroethane	3.611	63	191301	18.786	ug/l	99
25) 2-Butanone	4.550	43	448090	96.665	ug/l	99
26) 2,2-Dichloropropane	4.476	77	167175	18.123	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	117423	18.973	ug/l	94
28) Bromochloromethane	4.897	49	99266	21.853	ug/l	84
29) Tetrahydrofuran	5.001	42	276753	97.867	ug/l	99
30) Chloroform	5.092	83	181027	18.514	ug/l	100
31) Cyclohexane	5.470	56	175513	18.929	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	160595	18.322	ug/l	99
36) 1,1-Dichloropropene	5.690	75	139014	18.487	ug/l	98
37) Ethyl Acetate	4.708	43	164898	19.621	ug/l	99
38) Carbon Tetrachloride	5.677	117	137938	17.826	ug/l	99
39) Methylcyclohexane	7.378	83	175118	18.096	ug/l	99
40) Benzene	6.037	78	420086	18.851	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	90497	19.327	ug/l	99
42) 1,2-Dichloroethane	6.086	62	146045	18.634	ug/l	99
43) Isopropyl Acetate	6.336	43	283521	19.118	ug/l	98
44) Trichloroethene	7.128	130	105820	18.504	ug/l	90
45) 1,2-Dichloropropane	7.433	63	113435	19.122	ug/l	100
46) Dibromomethane	7.580	93	71637	18.349	ug/l	89
47) Bromodichloromethane	7.823	83	148799	18.572	ug/l	96
48) Methyl methacrylate	7.689	41	134211	19.067	ug/l	100
49) 1,4-Dioxane	7.659	88	56699	403.842	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	827790	101.454	ug/l	99
52) Toluene	8.720	92	256322	18.983	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	172045	18.655	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	185956	18.834	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	104777	19.224	ug/l	97
56) Ethyl methacrylate	9.116	69	177412	19.242	ug/l	97
57) 1,3-Dichloropropane	9.311	76	182930	19.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	402574	100.794	ug/l	94
59) 2-Hexanone	9.427	43	632635	101.739	ug/l	98
60) Dibromochloromethane	9.518	129	113641	18.870	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109798	19.048	ug/l	98
64) Tetrachloroethene	9.274	164	88484	18.670	ug/l	95
65) Chlorobenzene	10.079	112	266142	19.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	101875	18.800	ug/l	98
67) Ethyl Benzene	10.195	91	487456	19.384	ug/l	99
68) m/p-Xylenes	10.299	106	372446	38.702	ug/l	96
69) o-Xylene	10.640	106	185759	19.389	ug/l	96
70) Styrene	10.658	104	302989	19.445	ug/l	96
71) Bromoform	10.798	173	83527	18.884	ug/l #	99
73) Isopropylbenzene	10.963	105	468057	19.278	ug/l	100
74) N-amyl acetate	10.841	43	238875	19.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	161564	19.455	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	155392m	15.770	ug/l	
77) Bromobenzene	11.201	156	110852	18.972	ug/l	83
78) n-propylbenzene	11.304	91	547716	19.397	ug/l	97
79) 2-Chlorotoluene	11.365	91	333505	19.261	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	392766	19.241	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	60886	19.511	ug/l	88
82) 4-Chlorotoluene	11.457	91	376842	19.109	ug/l	95
83) tert-Butylbenzene	11.713	119	398302	19.051	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	392110	18.998	ug/l	98
85) sec-Butylbenzene	11.890	105	483853	19.058	ug/l	97
86) p-Isopropyltoluene	12.012	119	393324	18.719	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	207214	18.910	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	201567	18.413	ug/l	95
89) n-Butylbenzene	12.335	91	348647	18.630	ug/l	98
90) Hexachloroethane	12.536	117	80619	18.351	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	204535	19.077	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	38664	19.524	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	127716	18.555	ug/l	98
94) Hexachlorobutadiene	13.725	225	50573	17.723	ug/l	99
95) Naphthalene	13.774	128	447761	19.310	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128126	18.749	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC020

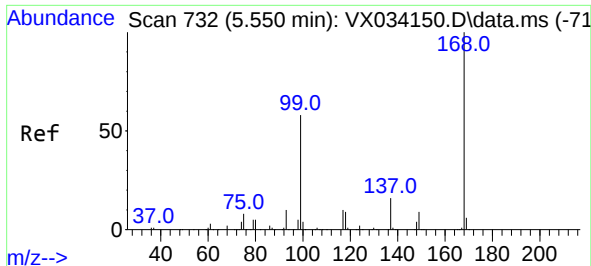
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

Quant Time: Feb 17 12:15:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:12:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

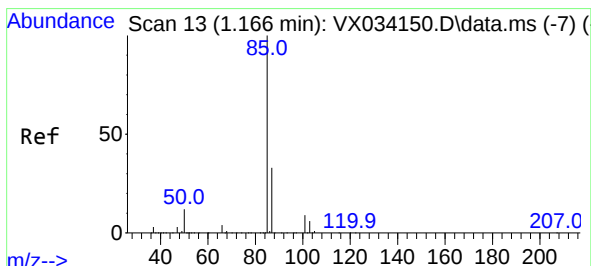
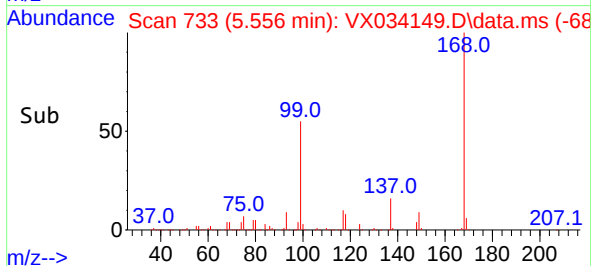
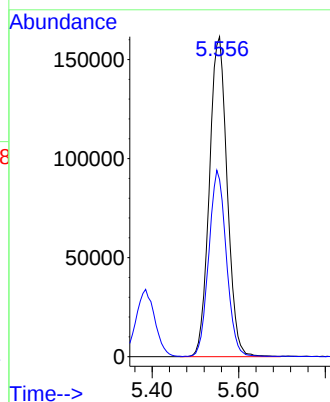
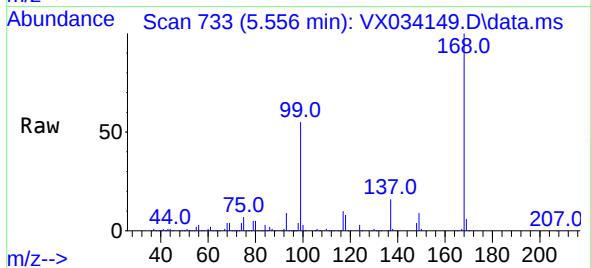
VSTDICC020

Tgt Ion:168 Resp: 46114
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4

Manual Integrations

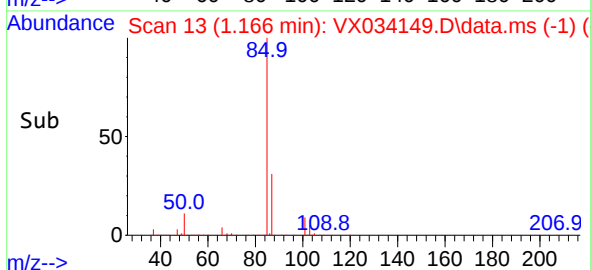
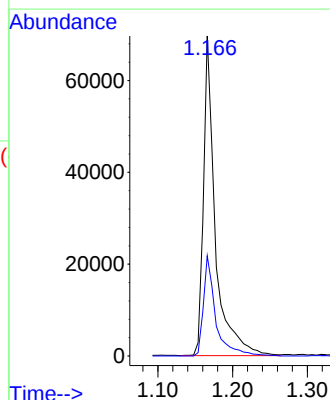
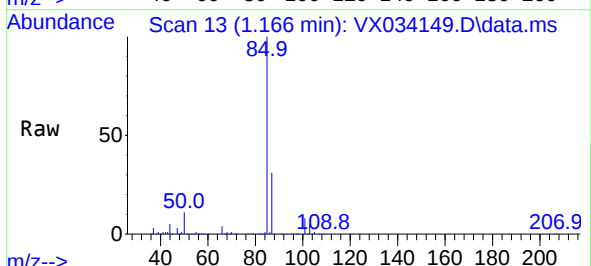
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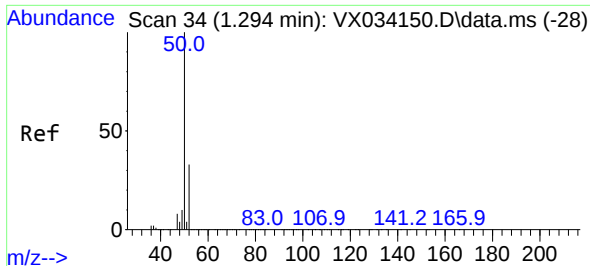
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#2
Dichlorodifluoromethane
Concen: 19.168 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

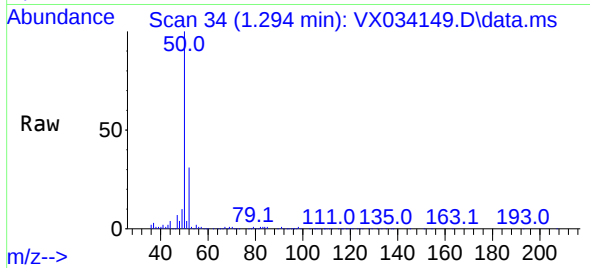
Tgt Ion: 85 Resp: 76379
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 18.760 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

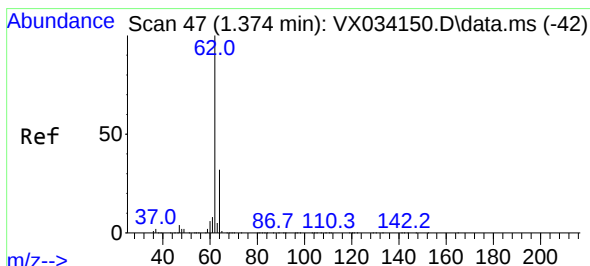
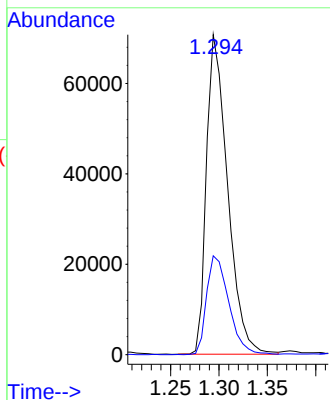
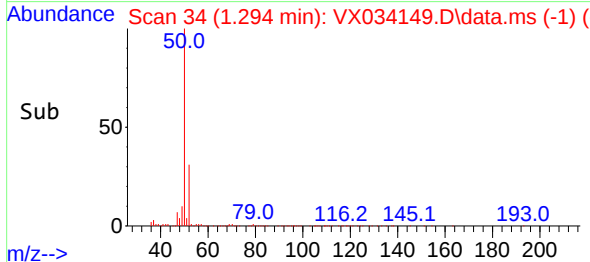
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 10757
Ion Ratio Lower Upper
50 100
52 30.9 25.2 37.8

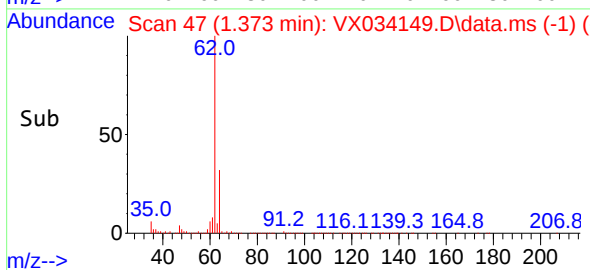
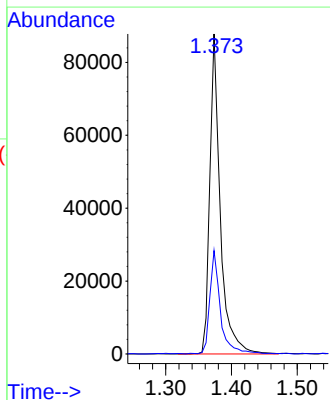
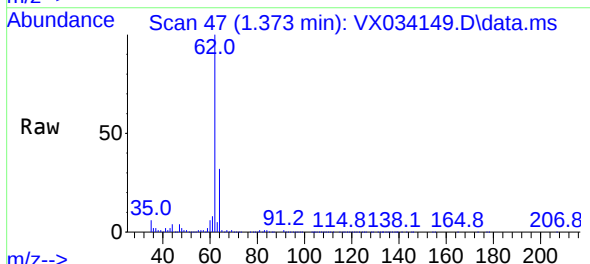
Manual Integrations
APPROVED

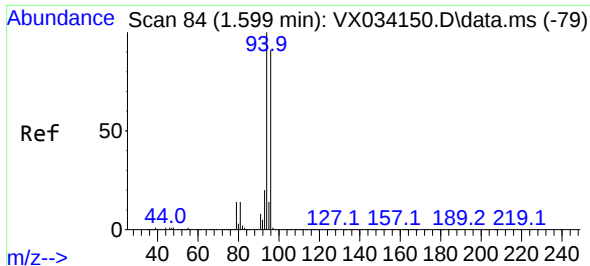
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#4
Vinyl Chloride
Concen: 18.626 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

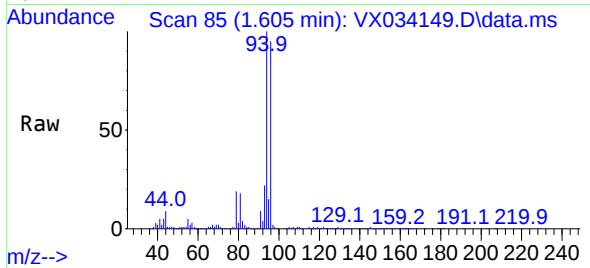
Tgt Ion: 62 Resp: 97271
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





#5
Bromomethane
Concen: 22.391 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

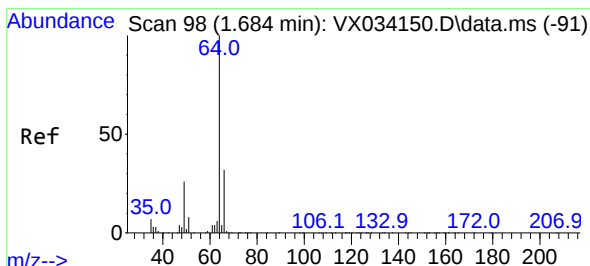
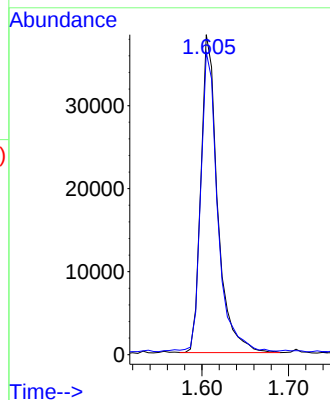
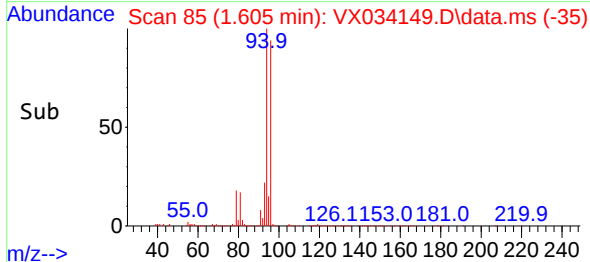
Instrument :
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Tgt Ion: 94 Resp: 5152
Ion Ratio Lower Upper
94 100
96 93.9 74.3 111.5

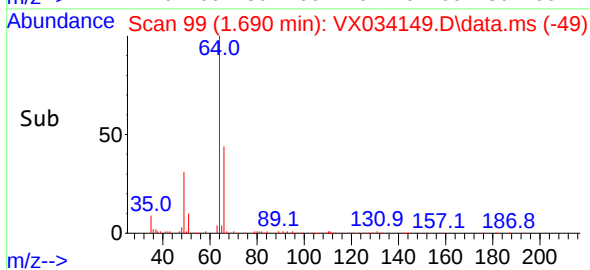
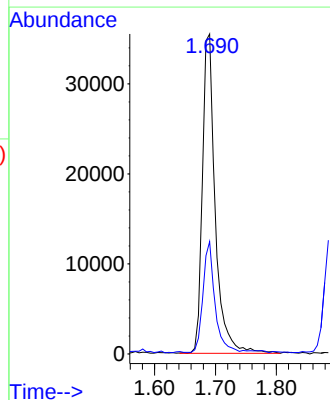
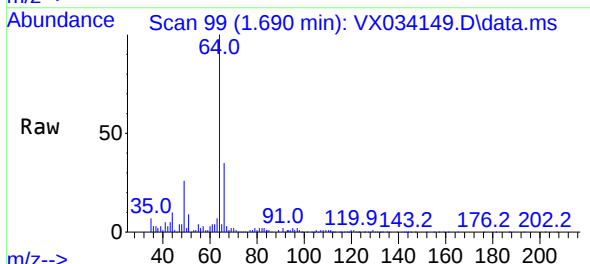
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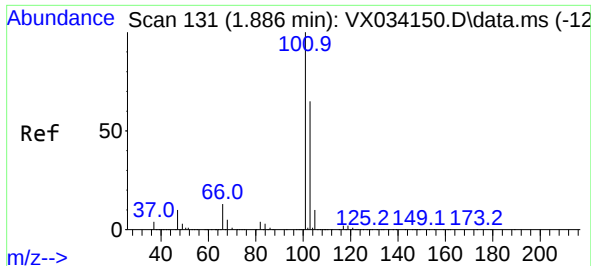
Reviewed By :John Carlone 02/21/2023
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#6
Chloroethane
Concen: 19.895 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion: 64 Resp: 52232
Ion Ratio Lower Upper
64 100
66 34.6 26.1 39.1





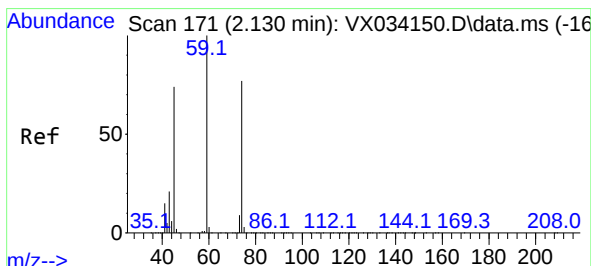
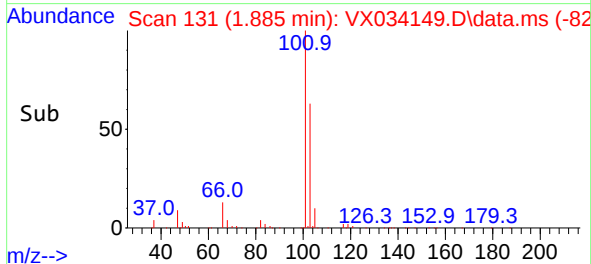
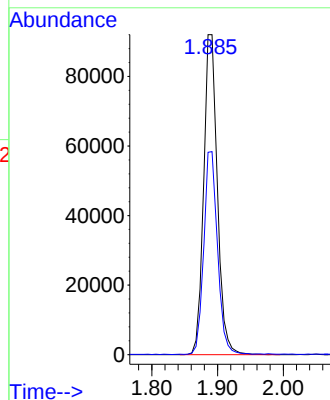
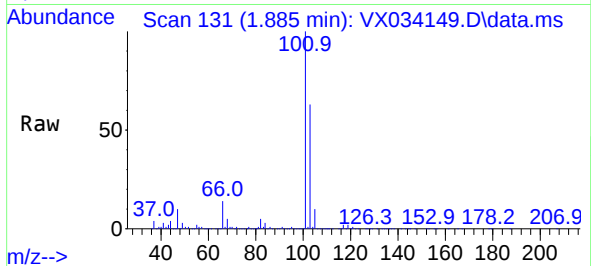
#7
Trichlorofluoromethane
Concen: 18.905 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 133572
Ion Ratio Lower Upper
101 100
103 63.1 50.6 75.8

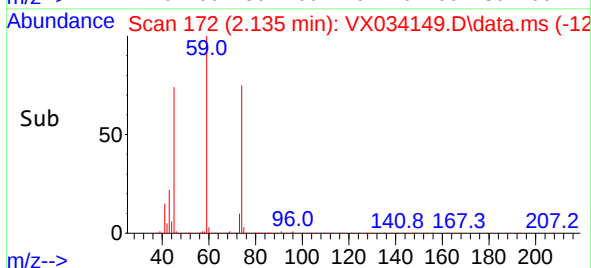
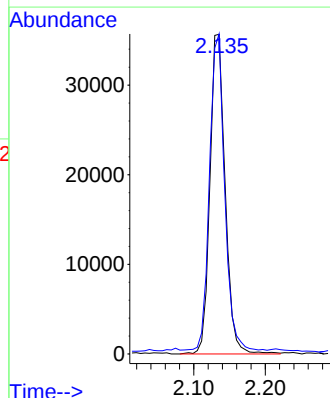
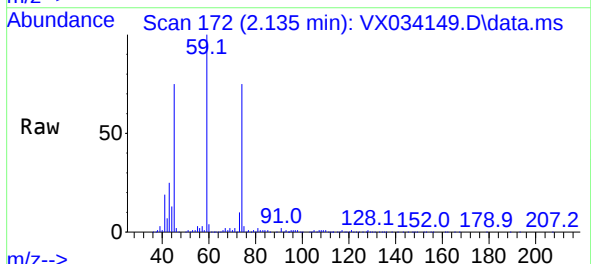
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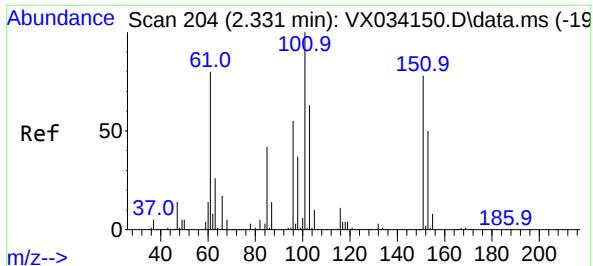
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#8
Diethyl Ether
Concen: 18.544 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion: 74 Resp: 52784
Ion Ratio Lower Upper
74 100
45 97.7 51.5 154.5





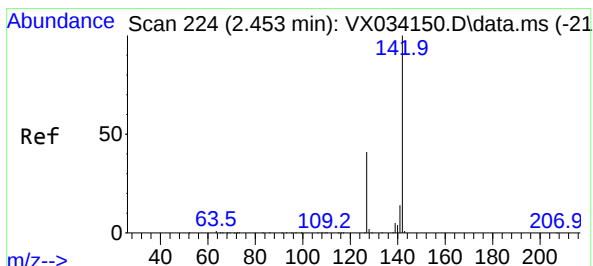
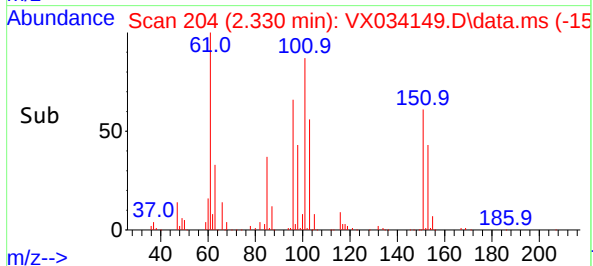
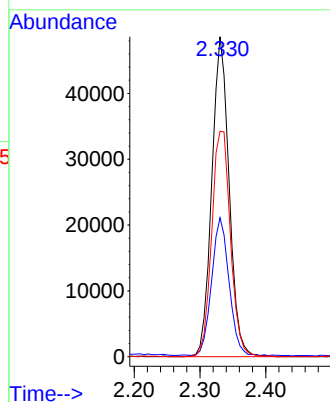
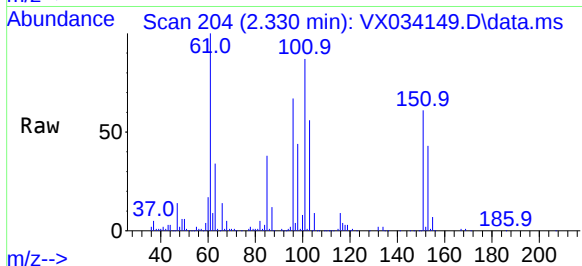
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.898 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 89054
Ion Ratio Lower Upper
101 100
85 43.4 36.7 55.1
151 76.2 66.5 99.7

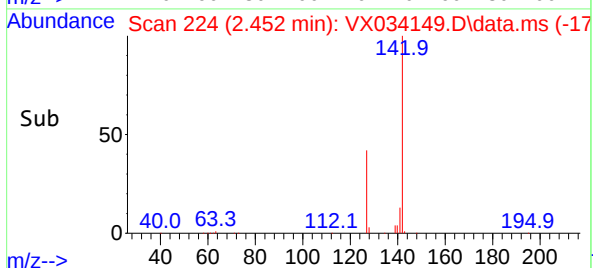
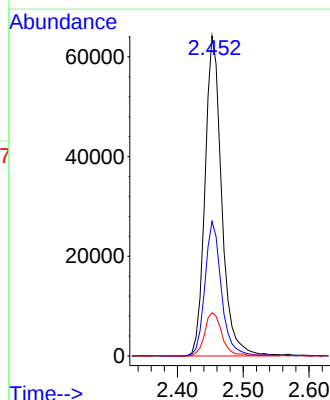
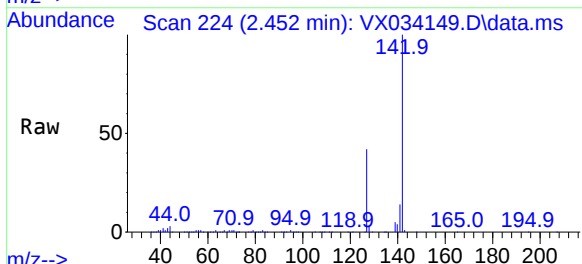
Manual Integrations
APPROVED

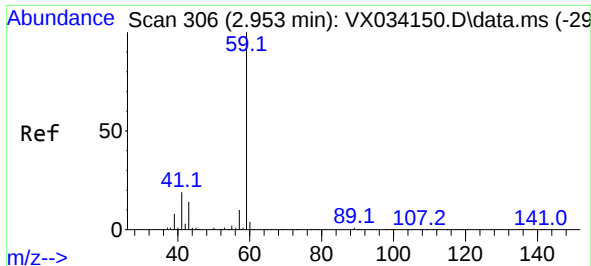
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 18.702 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

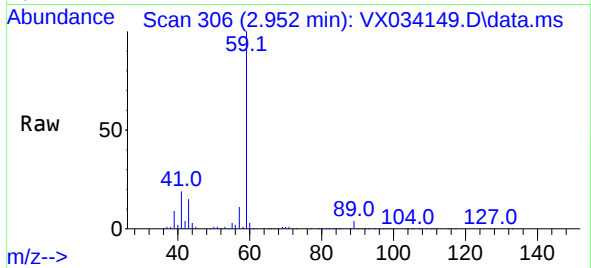
Tgt Ion:142 Resp: 113300
Ion Ratio Lower Upper
142 100
127 41.4 37.3 55.9
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 97.954 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

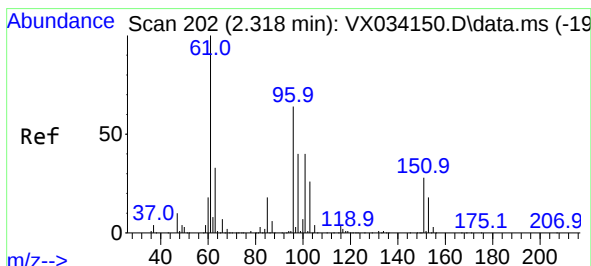
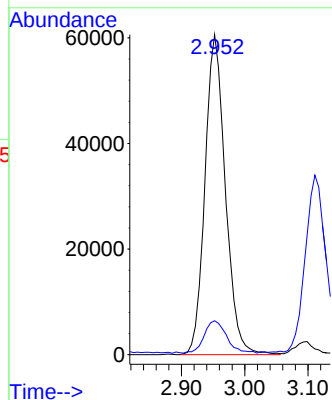
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



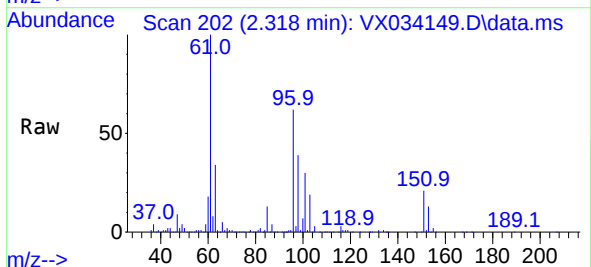
Tgt Ion: 59 Resp: 13606
Ion Ratio Lower Upper
59 100
57 10.9 3.7 5.5

Manual Integrations
APPROVED

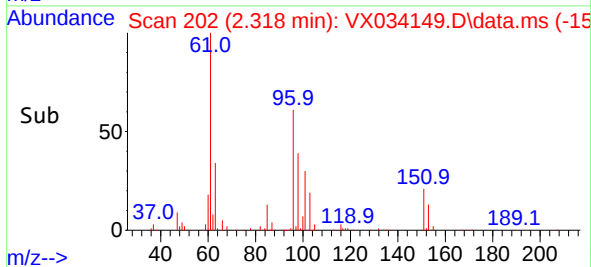
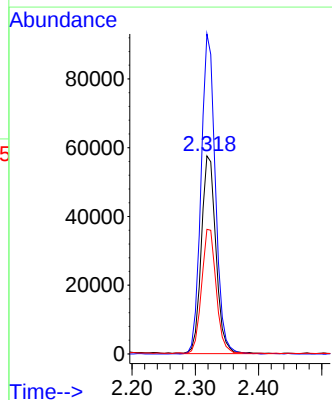
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

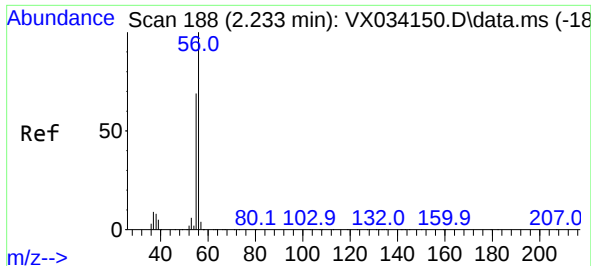


#12
1,1-Dichloroethene
Concen: 18.583 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



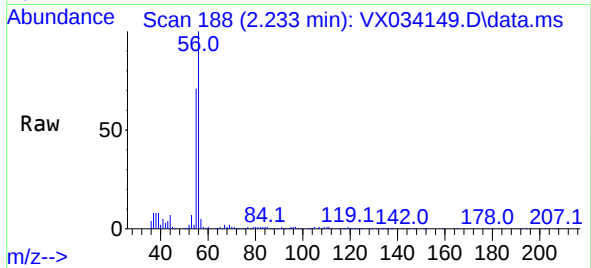
Tgt Ion: 96 Resp: 92690
Ion Ratio Lower Upper
96 100
61 161.9 134.2 201.4
98 62.9 50.2 75.2





#13
Acrolein
Concen: 89.123 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

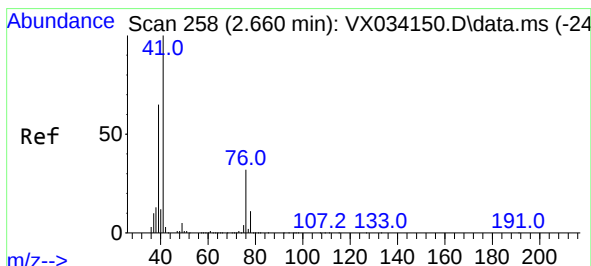
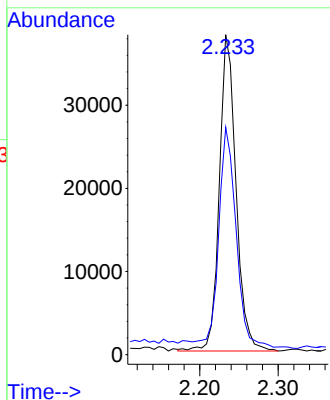
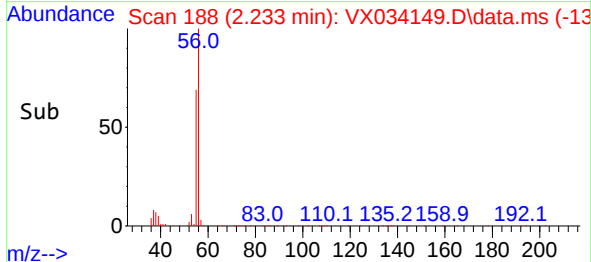
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



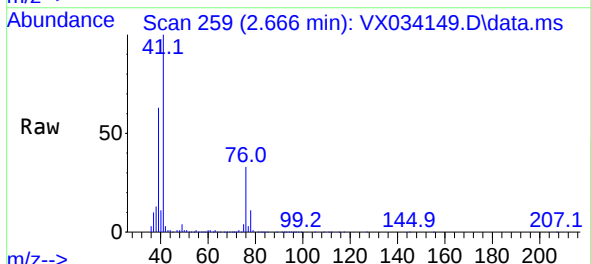
Tgt Ion: 56 Resp: 5651
Ion Ratio Lower Upper
56 100
55 73.4 56.3 84.5

Manual Integrations
APPROVED

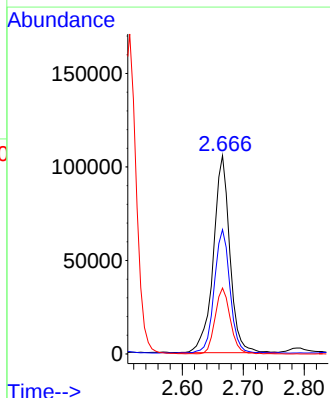
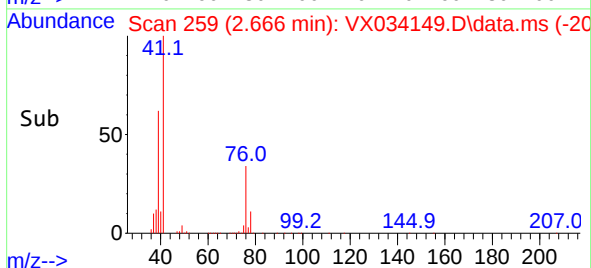
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

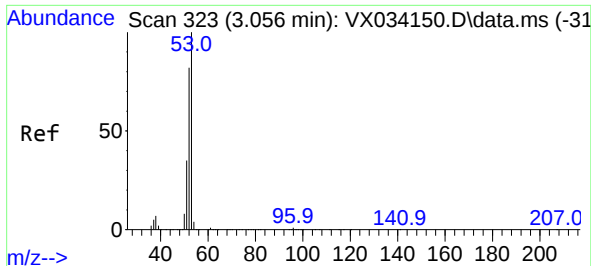


#14
Allyl chloride
Concen: 18.791 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



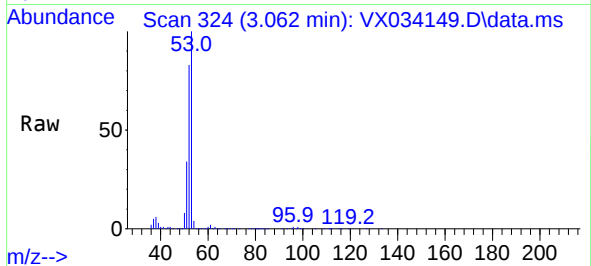
Tgt Ion: 41 Resp: 198819
Ion Ratio Lower Upper
41 100
39 59.5 59.0 88.4
76 31.0 24.6 37.0





#15
Acrylonitrile
Concen: 98.370 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

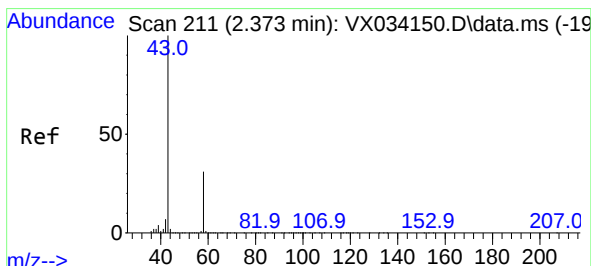
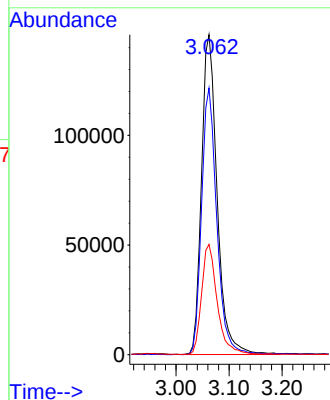
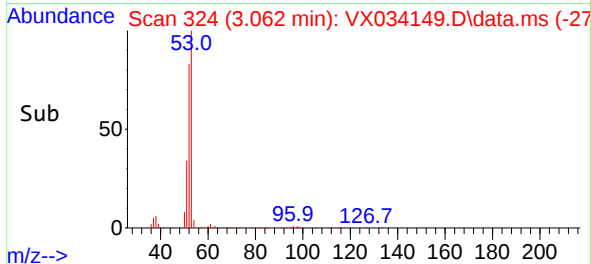
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 298090
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.4 29.0 43.4

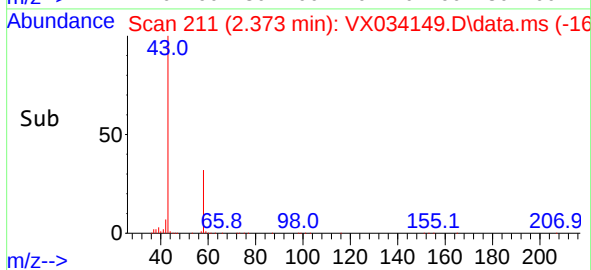
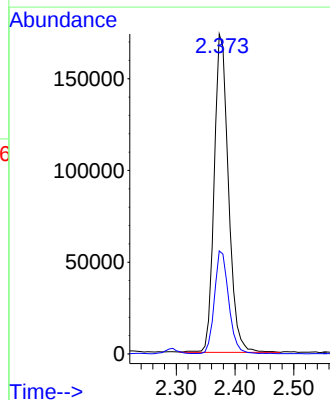
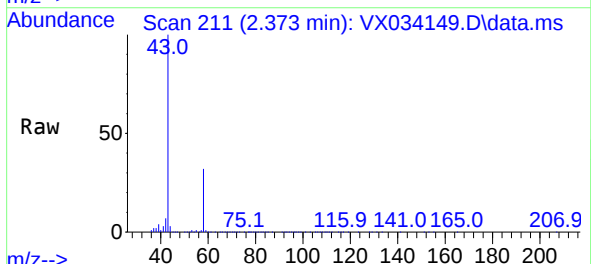
Manual Integrations
APPROVED

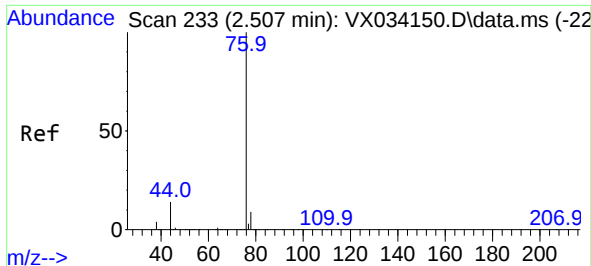
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#16
Acetone
Concen: 91.343 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

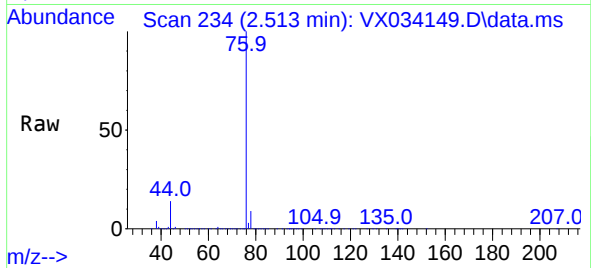
Tgt Ion: 43 Resp: 292634
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8





#17
Carbon Disulfide
Concen: 18.696 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

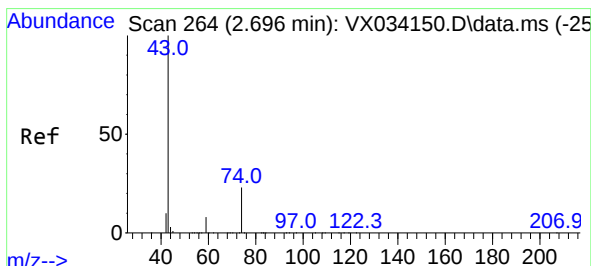
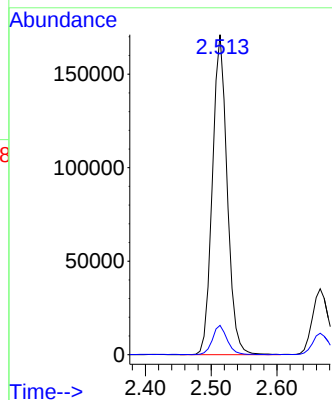
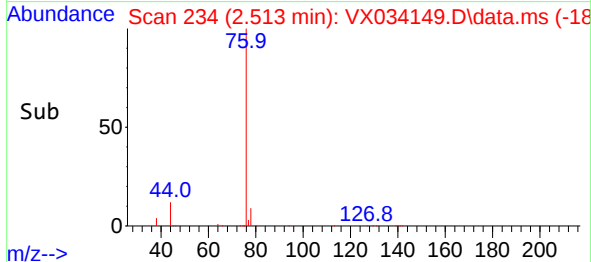
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



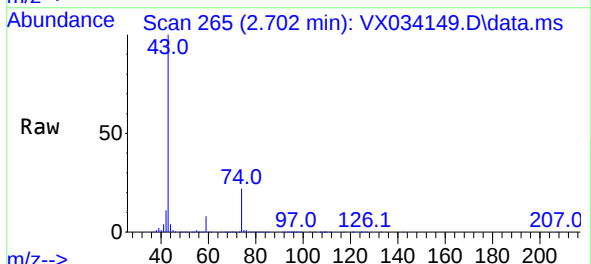
Tgt Ion: 76 Resp: 26810
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

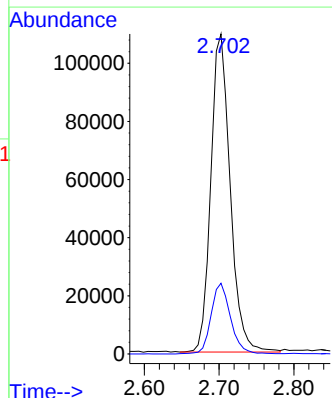
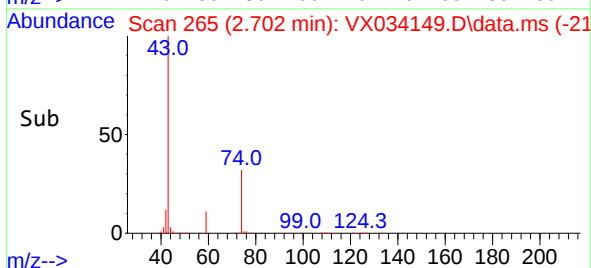
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

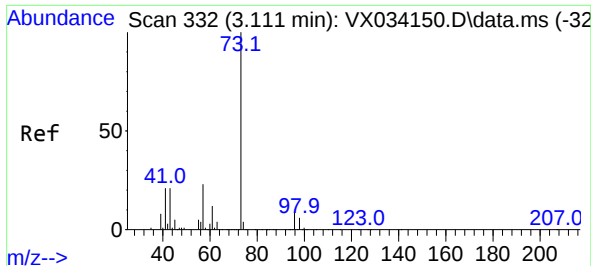


#18
Methyl Acetate
Concen: 19.824 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



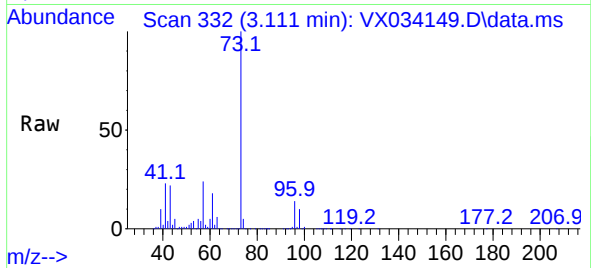
Tgt Ion: 43 Resp: 196512
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 18.810 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

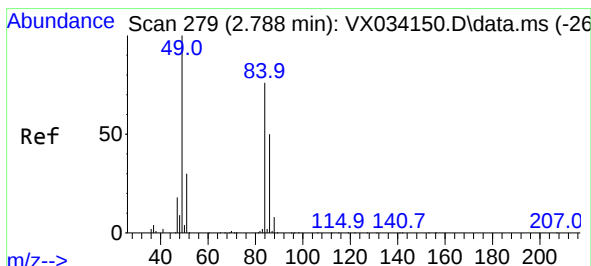
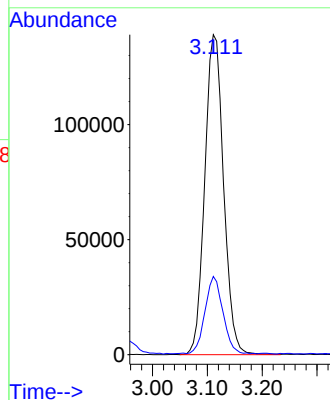
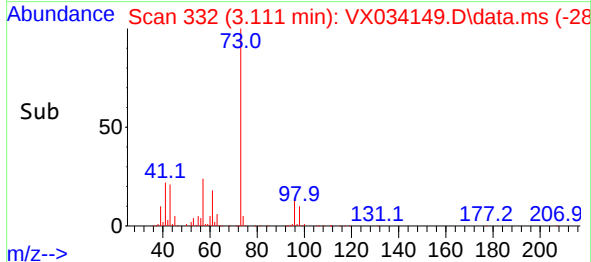
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



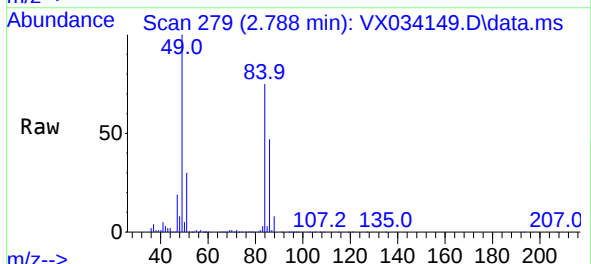
Tgt Ion: 73 Resp: 331125
Ion Ratio Lower Upper
73 100
57 24.1 17.4 26.0

Manual Integrations
APPROVED

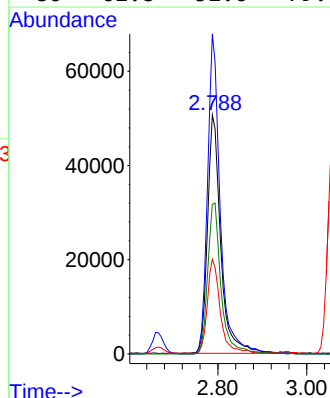
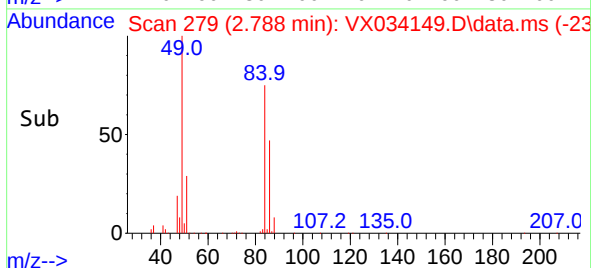
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

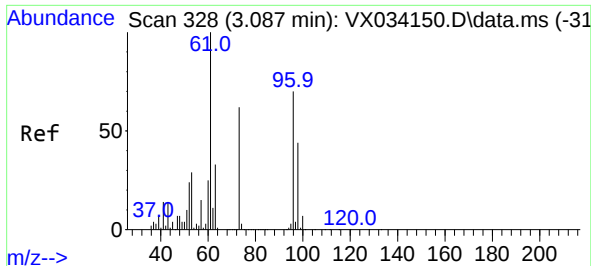


#20
Methylene Chloride
Concen: 18.121 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



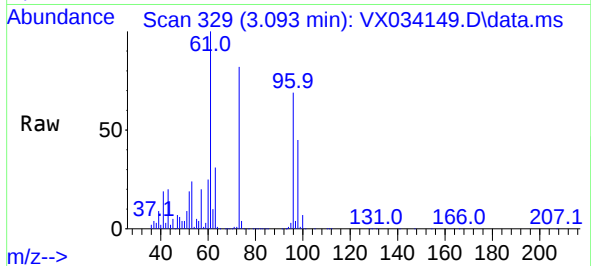
Tgt Ion: 84 Resp: 104600
Ion Ratio Lower Upper
84 100
49 134.3 101.1 151.7
51 39.6 31.0 46.6
86 62.8 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.084 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

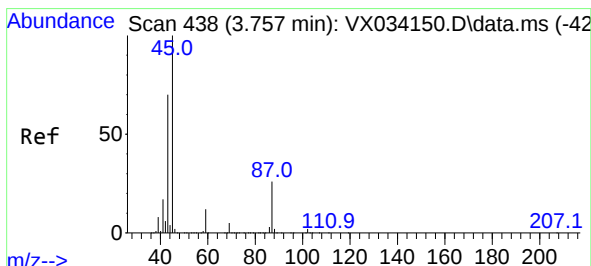
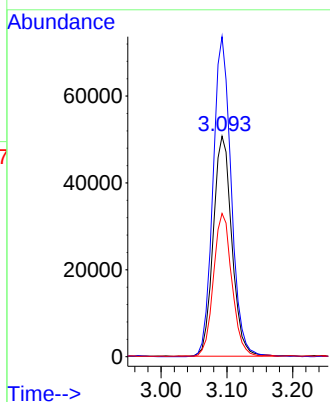
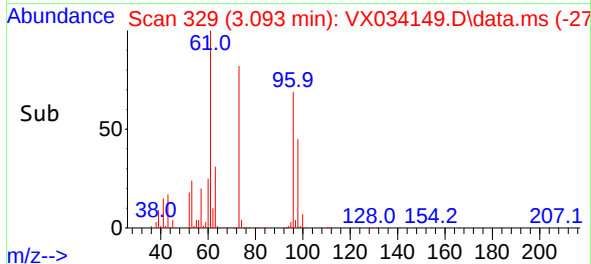
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



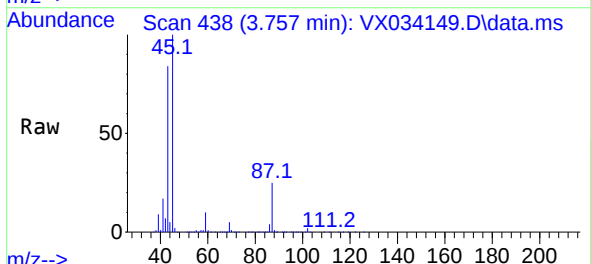
Tgt Ion: 96 Resp: 9974
Ion Ratio Lower Upper
96 100
61 145.4 106.7 160.1
98 64.8 50.0 75.0

Manual Integrations
APPROVED

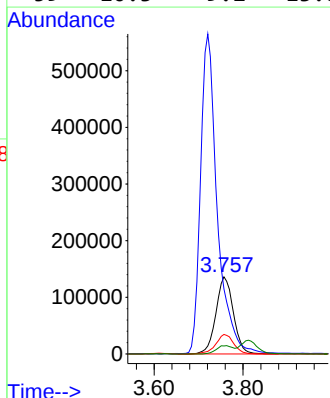
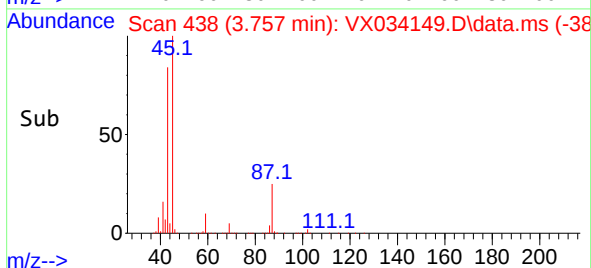
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

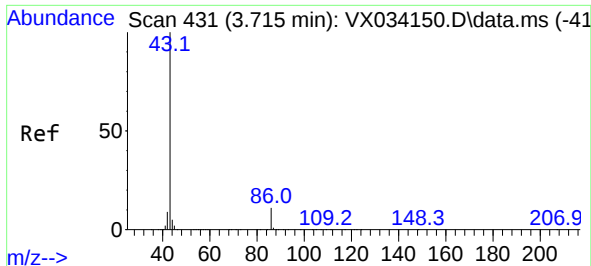


#22
Diisopropyl ether
Concen: 19.849 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



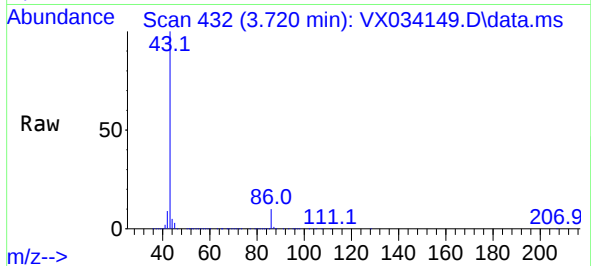
Tgt Ion: 45 Resp: 368169
Ion Ratio Lower Upper
45 100
43 83.9 64.6 97.0
87 25.2 21.9 32.9
59 10.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 99.398 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034149.D
 Acq: 17 Feb 2023 10:18

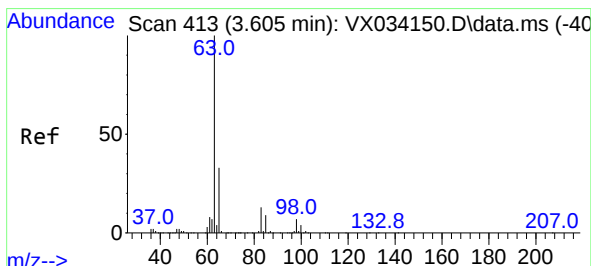
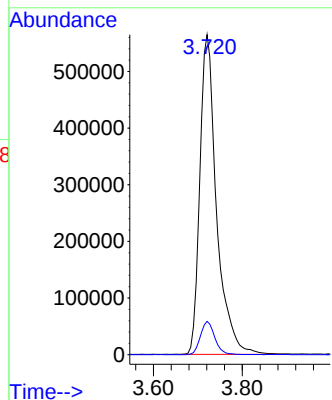
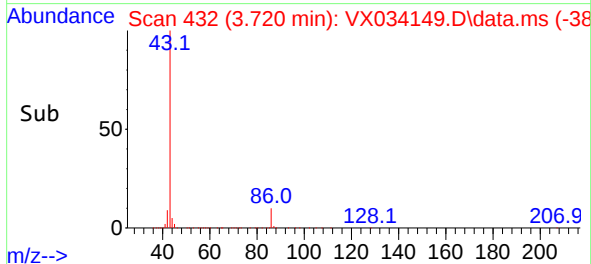
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



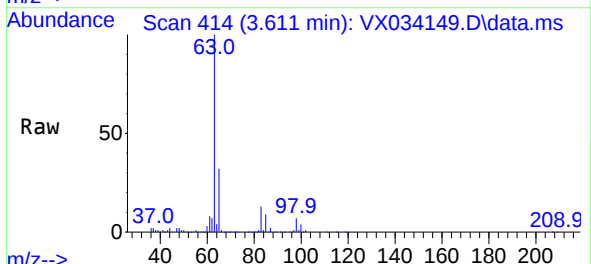
Tgt Ion: 43 Resp: 147715
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
 APPROVED

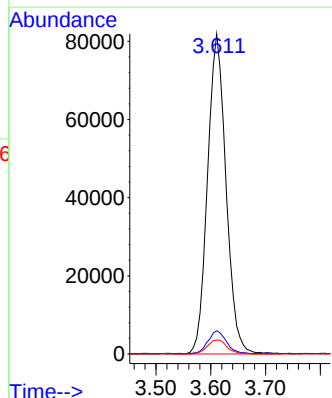
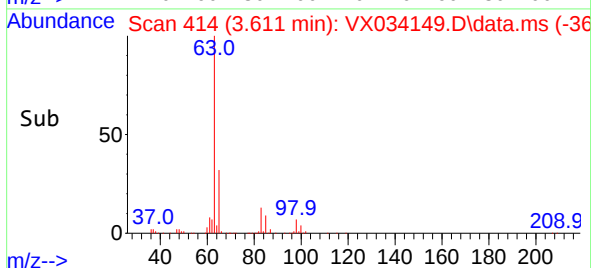
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

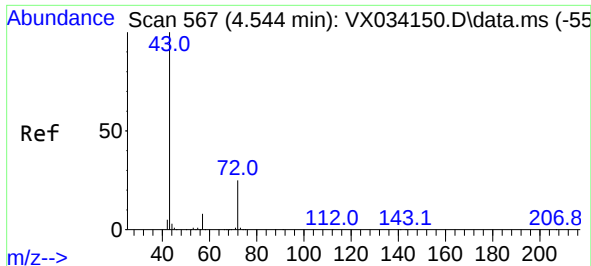


#24
 1,1-Dichloroethane
 Concen: 18.786 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034149.D
 Acq: 17 Feb 2023 10:18



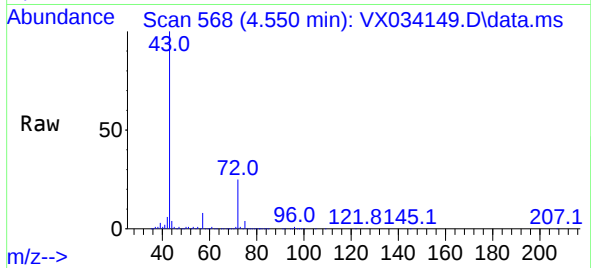
Tgt Ion: 63 Resp: 191301
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 96.665 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

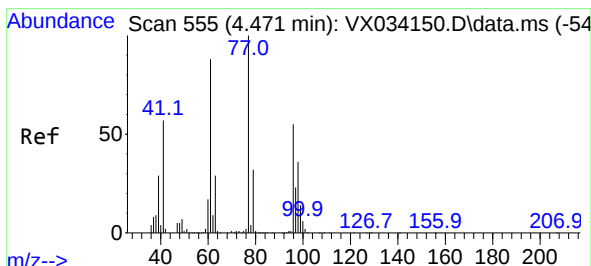
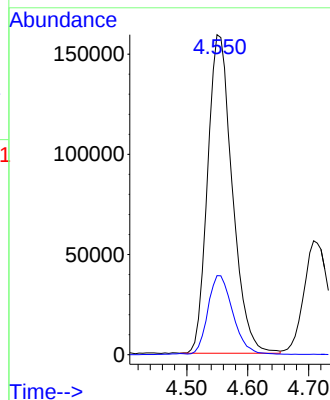
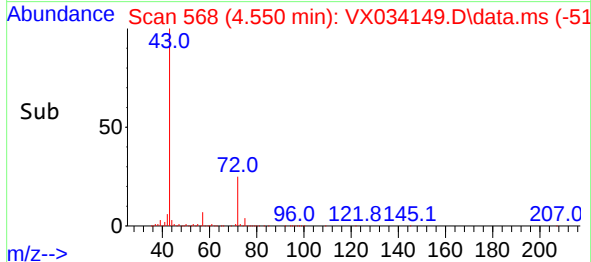
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 448090
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2

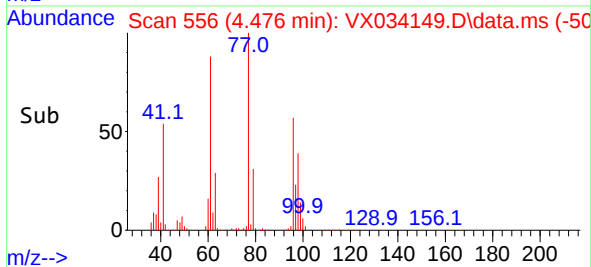
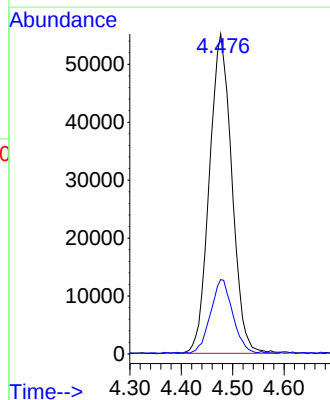
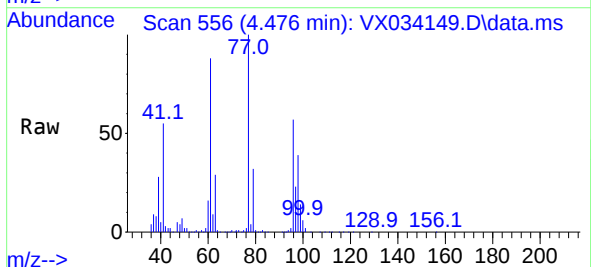
Manual Integrations
APPROVED

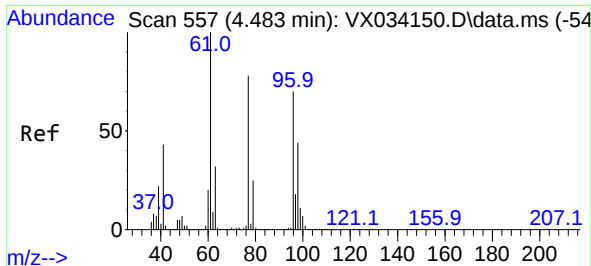
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#26
2,2-Dichloropropane
Concen: 18.123 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

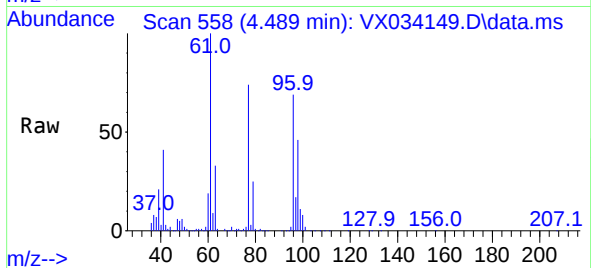
Tgt Ion: 77 Resp: 167175
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 18.973 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

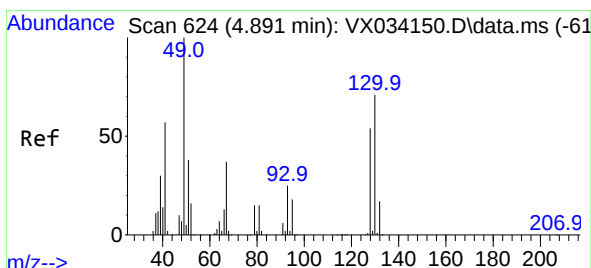
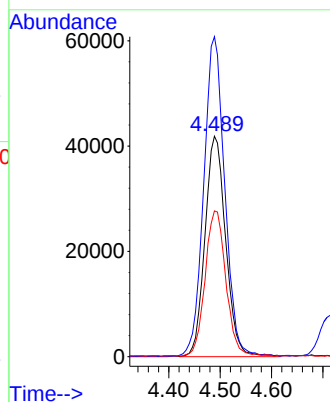
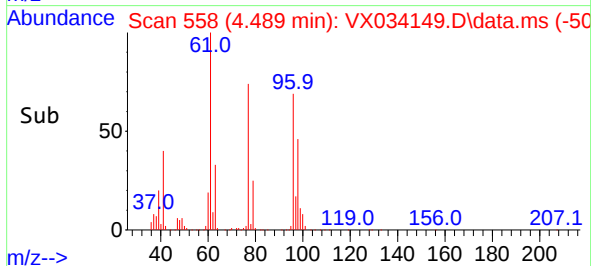
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



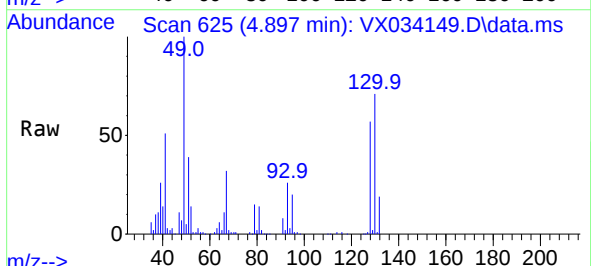
Tgt Ion: 96 Resp: 11742
Ion Ratio Lower Upper
96 100
61 147.3 0.0 277.6
98 66.4 0.0 128.0

Manual Integrations
APPROVED

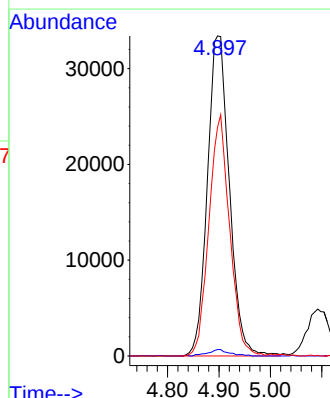
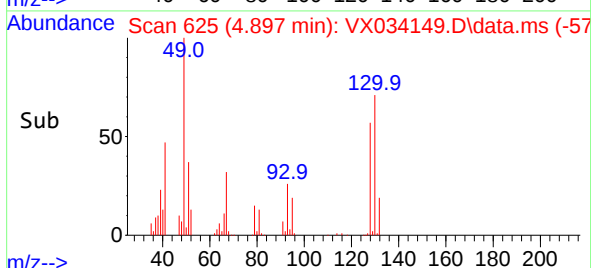
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

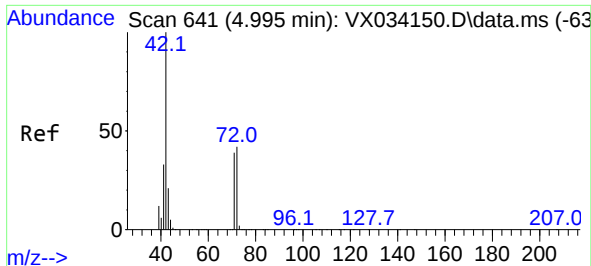


#28
Bromochloromethane
Concen: 21.853 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion: 49 Resp: 99266
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 70.9 68.5 102.7





#29

Tetrahydrofuran

Concen: 97.867 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034149.D

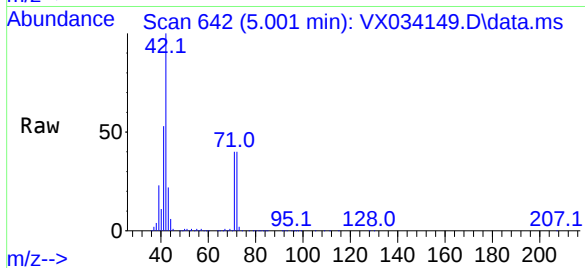
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



Tgt Ion: 42 Resp: 27675

Ion Ratio Lower Upper

42 100

72 42.8 34.8 52.2

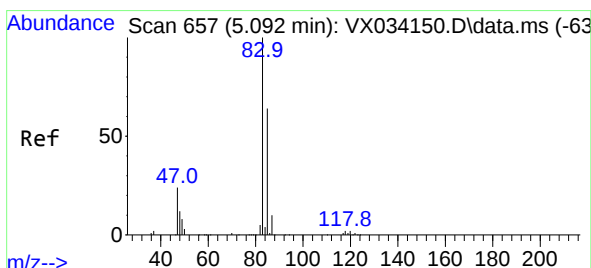
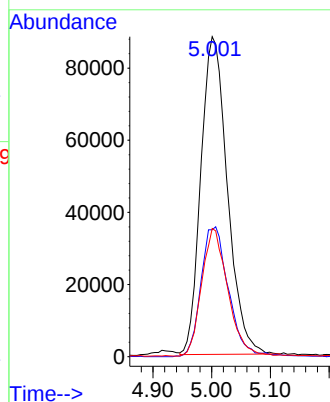
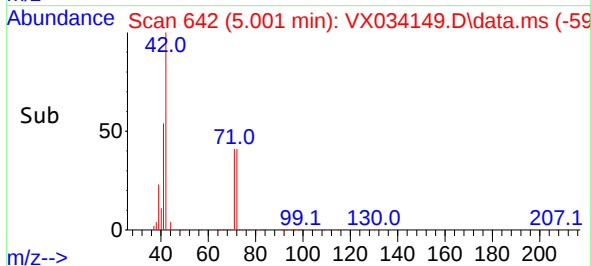
71 39.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 18.514 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX034149.D

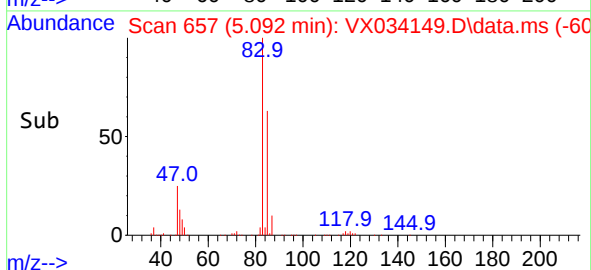
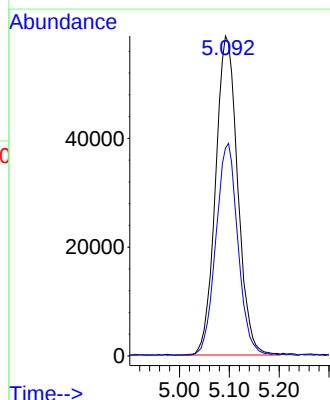
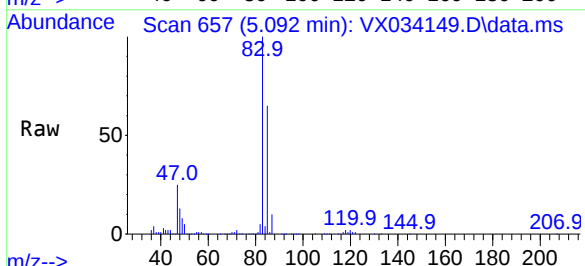
Acq: 17 Feb 2023 10:18

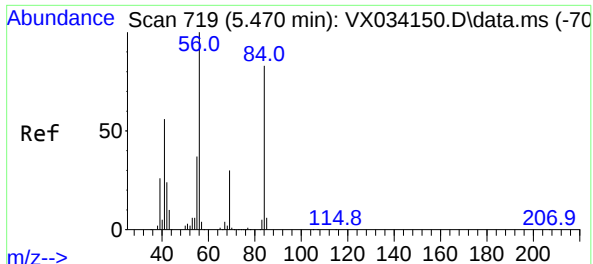
Tgt Ion: 83 Resp: 181027

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1





#31

Cyclohexane

Concen: 18.929 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 17551

Ion Ratio Lower Upper

56 100

69 30.1 24.6 37.0

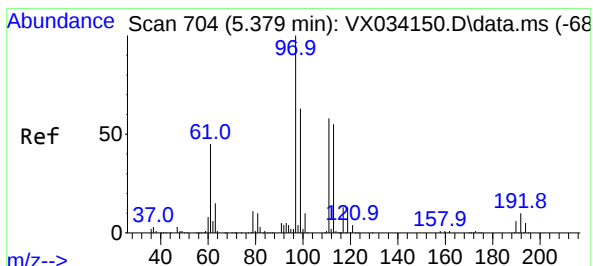
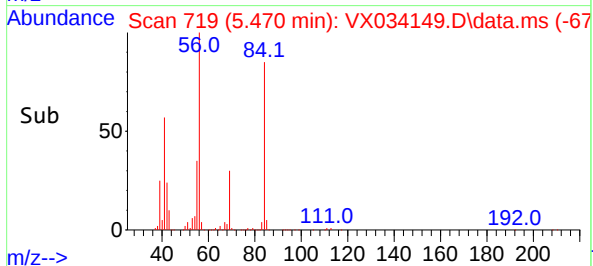
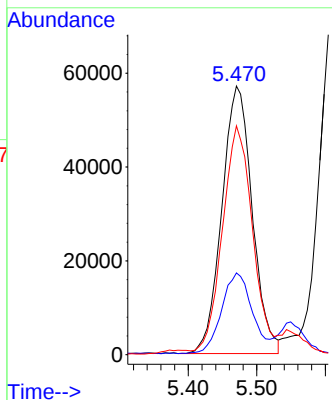
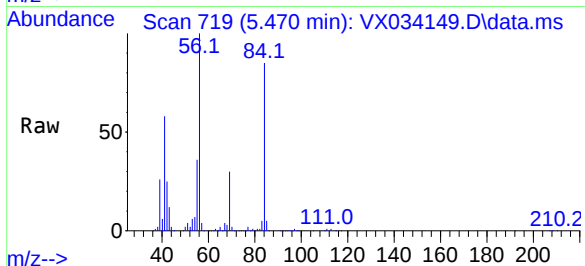
84 83.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#32

1,1,1-Trichloroethane

Concen: 18.322 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

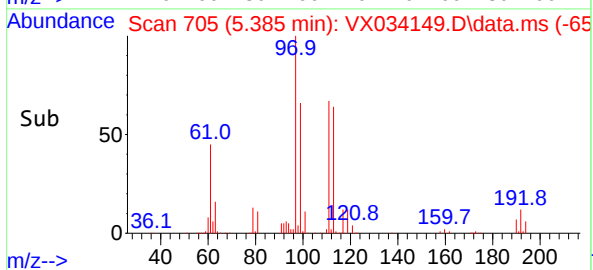
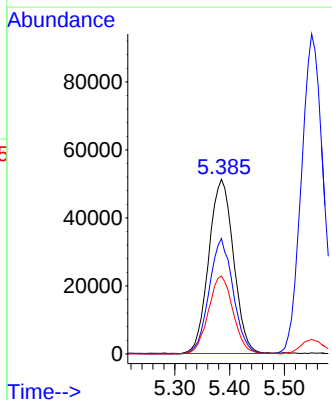
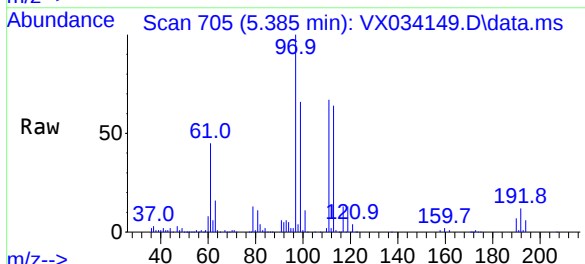
Tgt Ion: 97 Resp: 160595

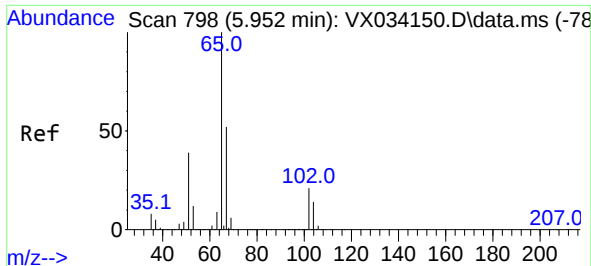
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

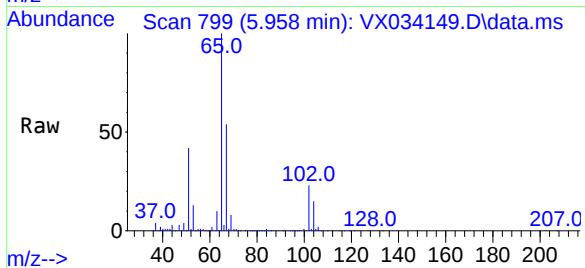
61 44.8 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 19.494 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

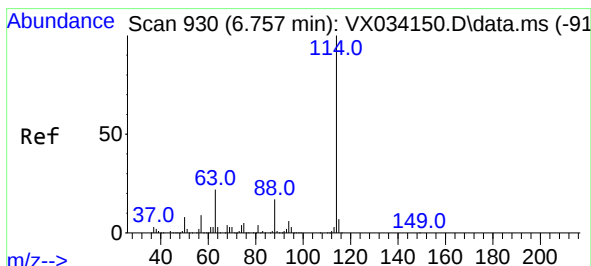
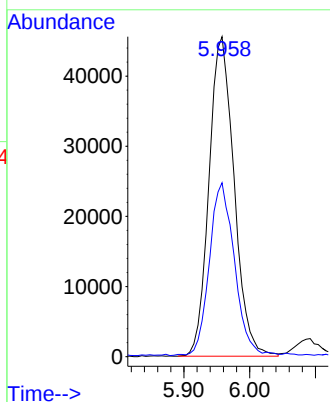
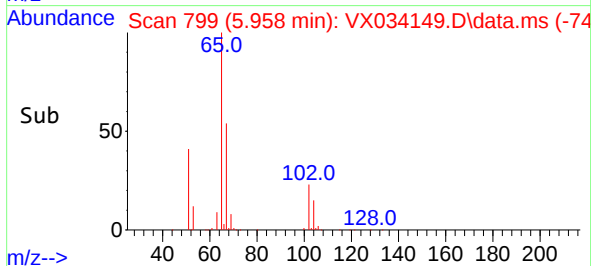
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



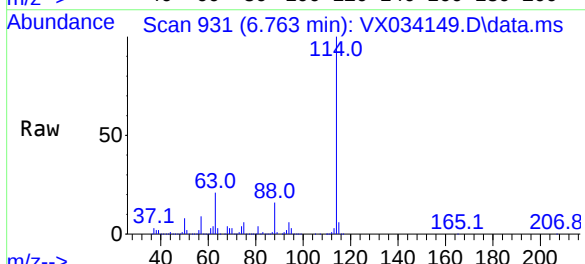
Tgt Ion: 65 Resp: 121070
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

Manual Integrations
APPROVED

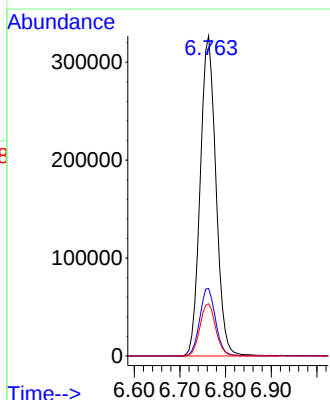
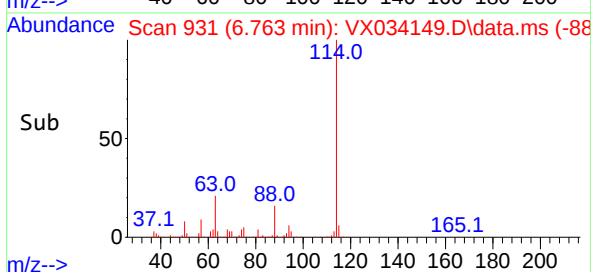
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

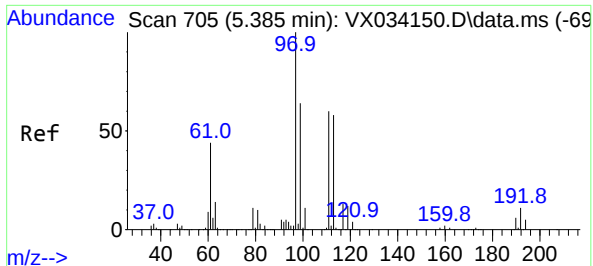


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion:114 Resp: 780935
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.4
88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 19.487 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 9908

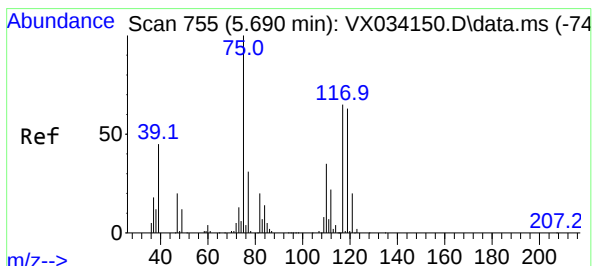
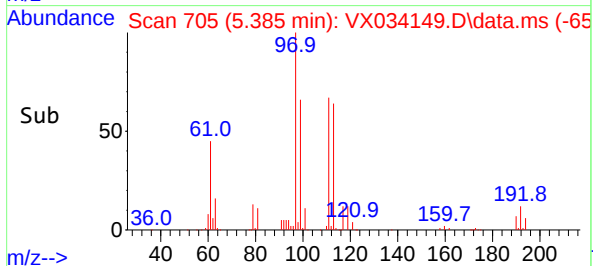
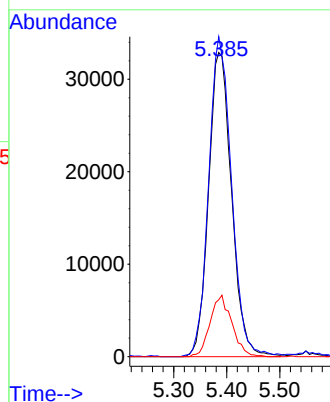
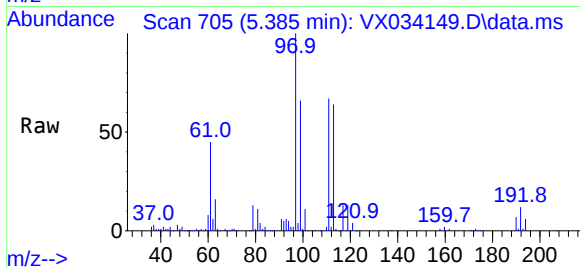
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.0	124.6
192	19.1	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#36

1,1-Dichloropropene

Concen: 18.487 ug/l

RT: 5.690 min Scan# 755

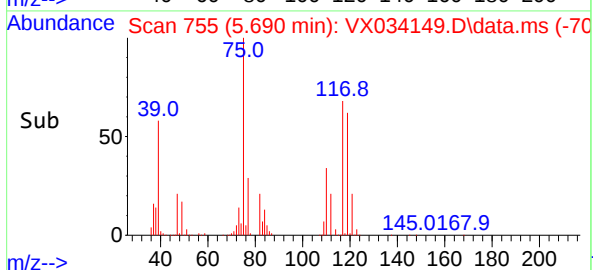
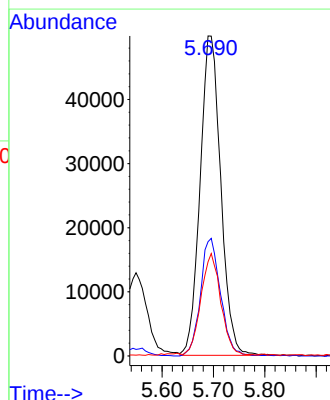
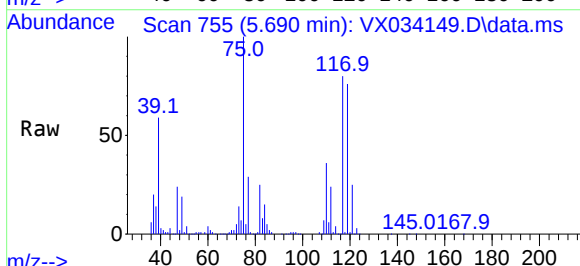
Delta R.T. -0.000 min

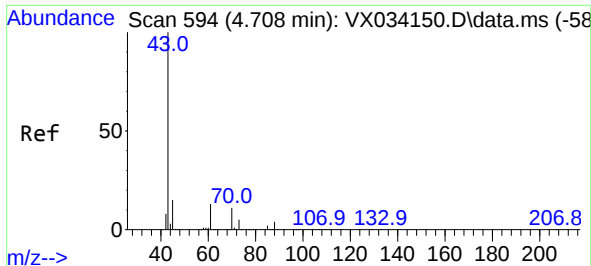
Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Tgt Ion: 75 Resp: 139014

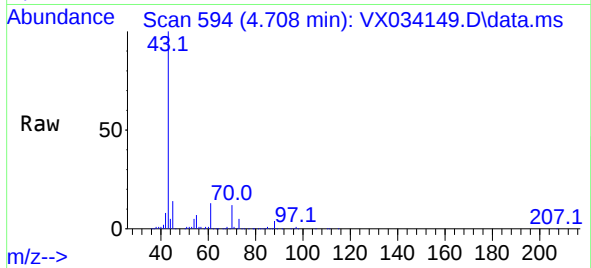
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.8	56.4
77	30.5	25.1	37.7





#37
Ethyl Acetate
Concen: 19.621 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

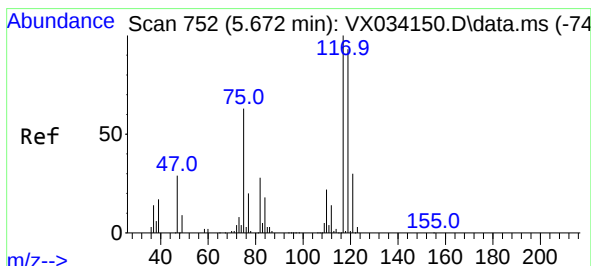
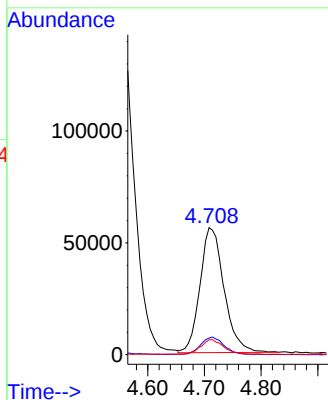
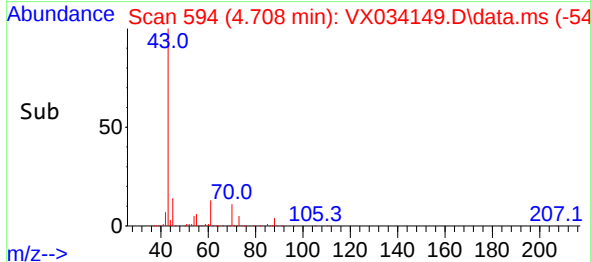
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



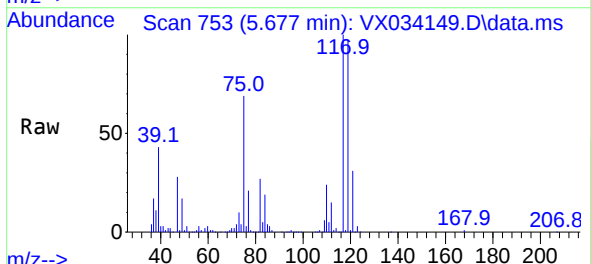
Tgt Ion: 43 Resp: 164898
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 11.0 8.5 12.7

Manual Integrations
APPROVED

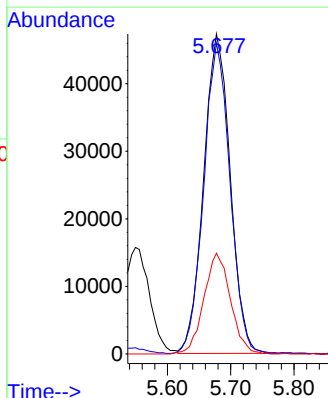
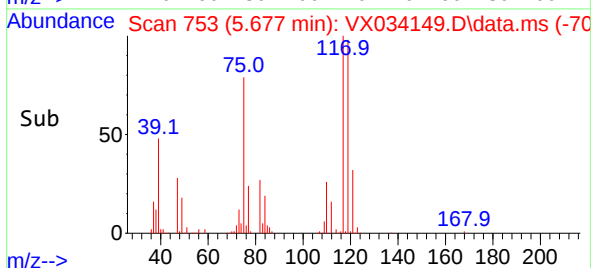
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

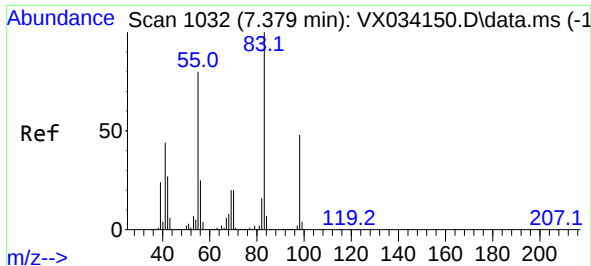


#38
Carbon Tetrachloride
Concen: 17.826 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion:117 Resp: 137938
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.096 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 175118

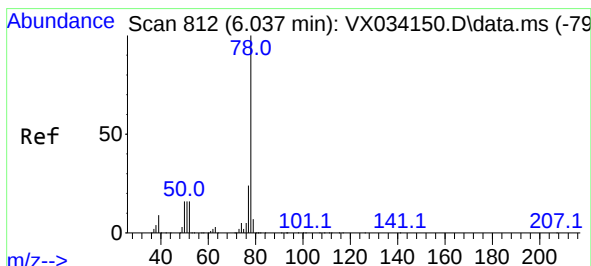
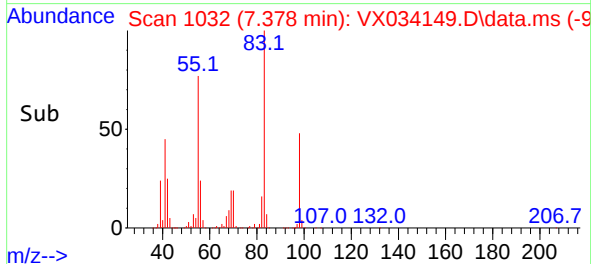
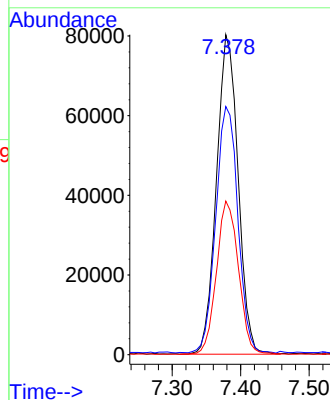
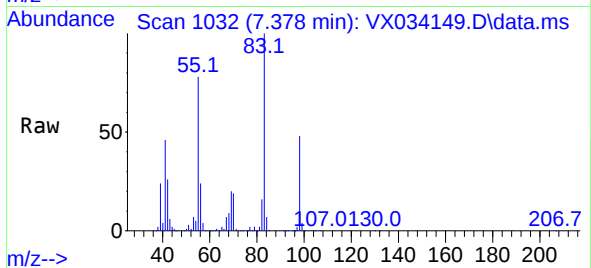
Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.8	92.6
98	48.0	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Benzene

Concen: 18.851 ug/l

RT: 6.037 min Scan# 812

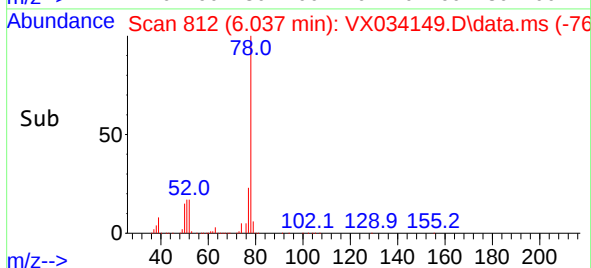
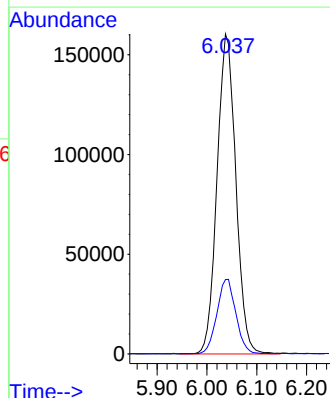
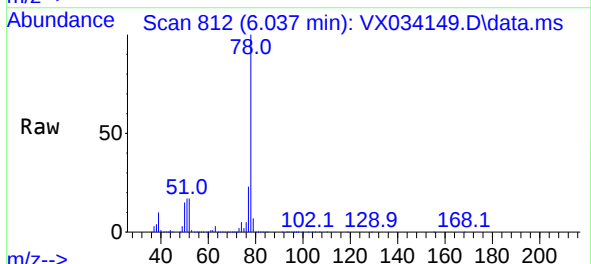
Delta R.T. -0.000 min

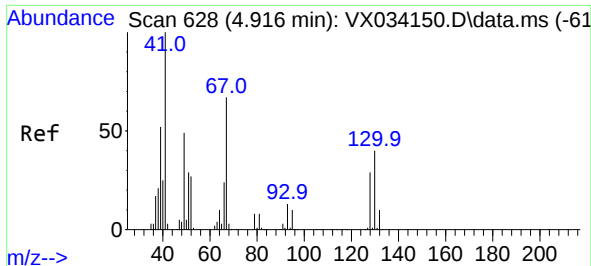
Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Tgt Ion: 78 Resp: 420086

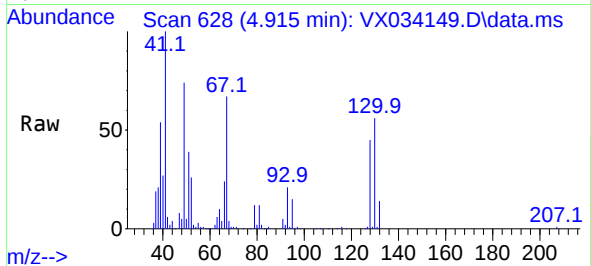
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41
Methacrylonitrile
Concen: 19.327 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

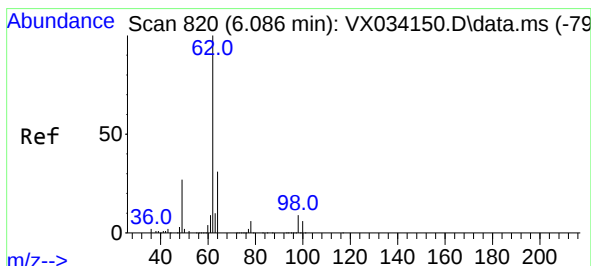
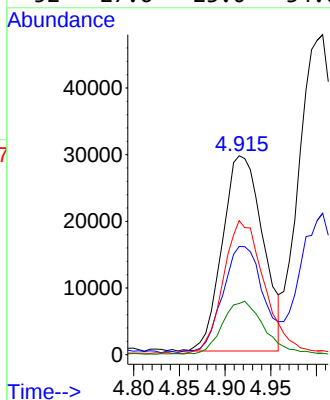
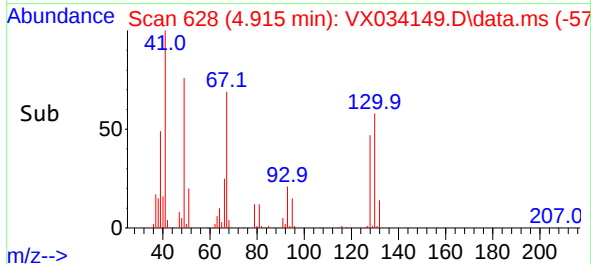
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 9049
Ion Ratio Lower Upper
41 100
39 54.1 43.8 65.6
67 69.0 54.8 82.2
52 27.6 23.0 34.6

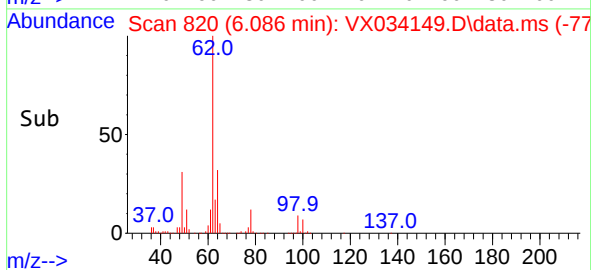
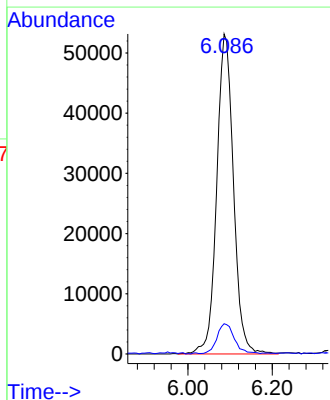
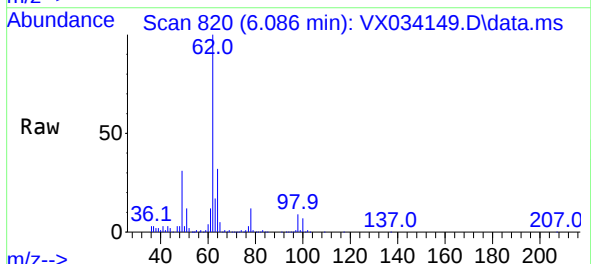
Manual Integrations
APPROVED

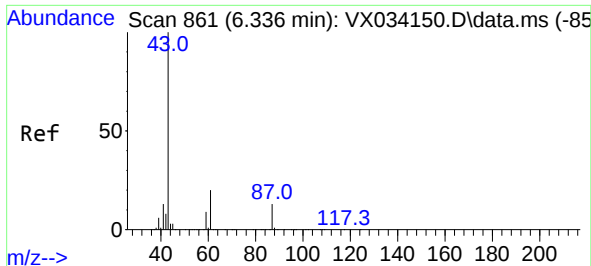
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 18.634 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

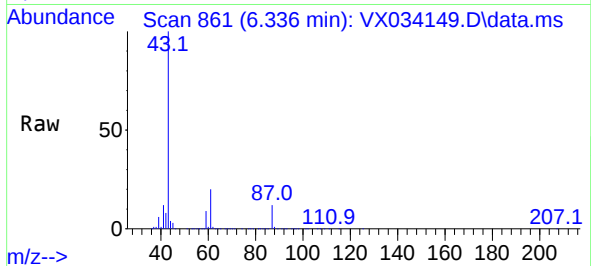
Tgt Ion: 62 Resp: 146045
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.118 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

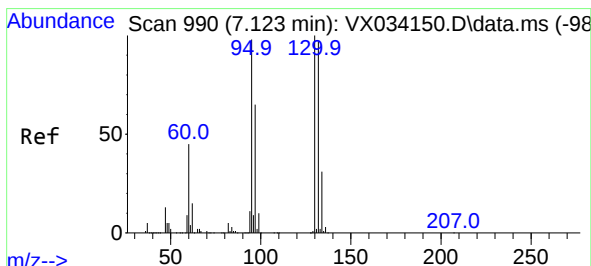
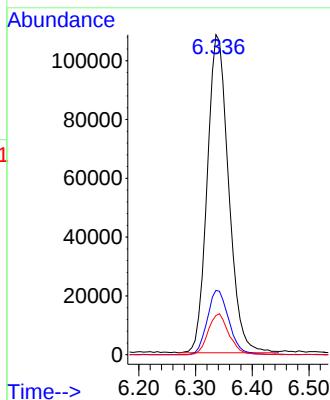
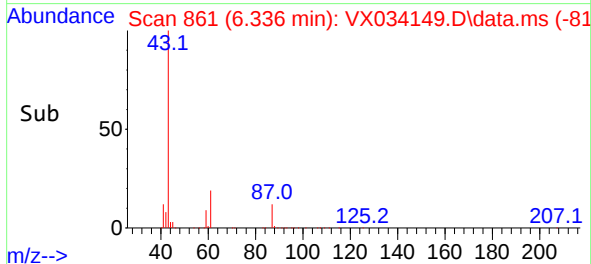
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 28352
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 12.5 10.6 15.8

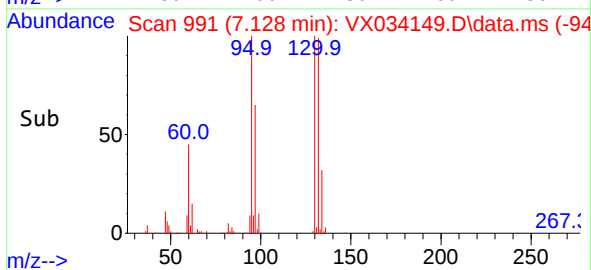
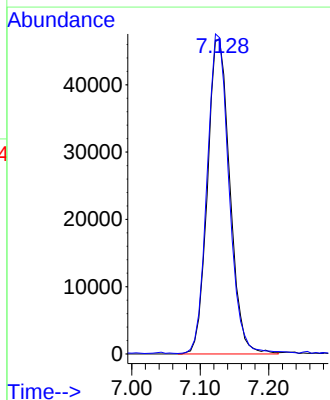
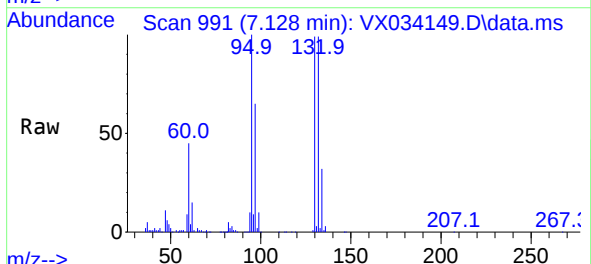
Manual Integrations
APPROVED

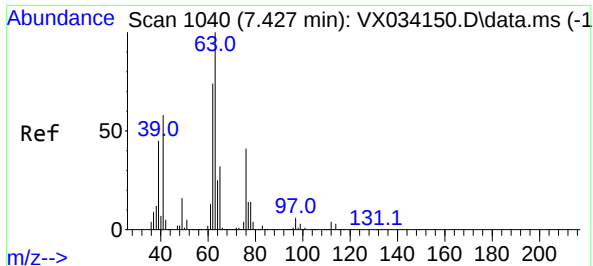
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 18.504 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion:130 Resp: 105820
Ion Ratio Lower Upper
130 100
95 100.5 0.0 182.6





#45
1,2-Dichloropropane
Concen: 19.122 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

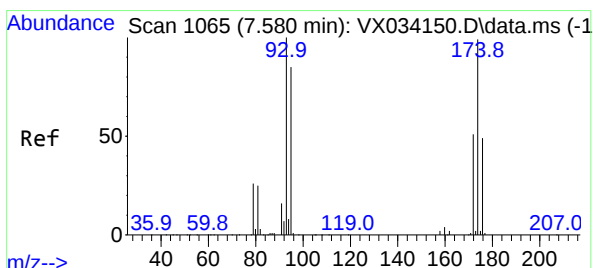
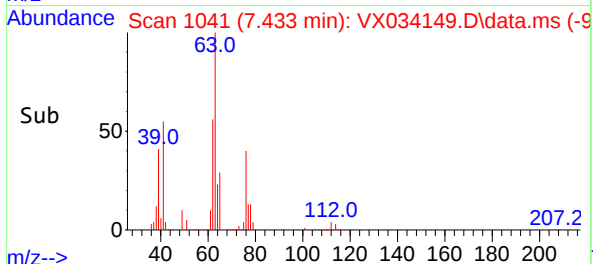
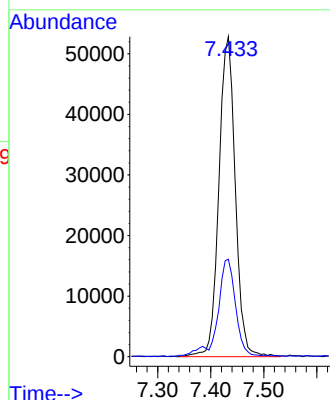
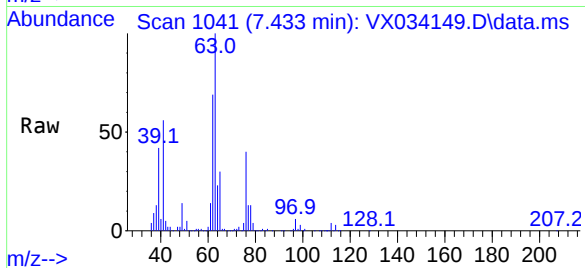
VSTDICC020

Tgt Ion: 63 Resp: 11343
Ion Ratio Lower Upper
63 100
65 30.2 24.2 36.2

Manual Integrations

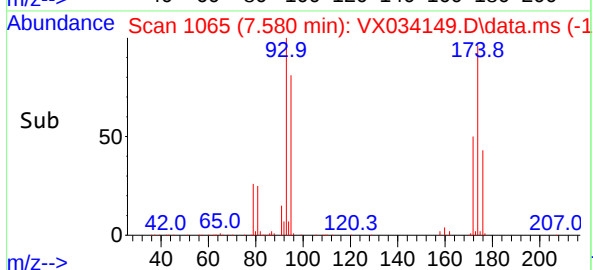
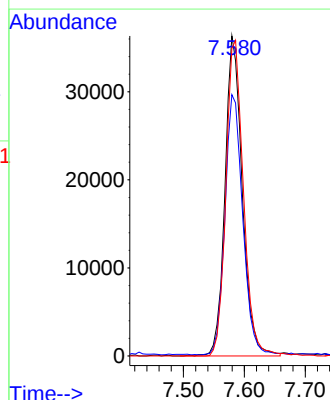
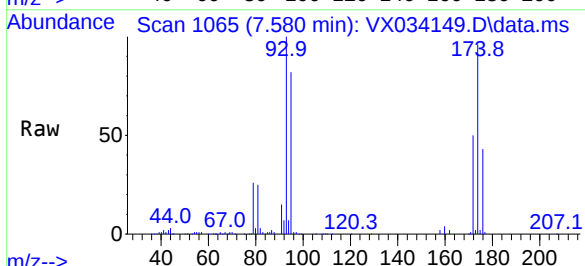
APPROVED

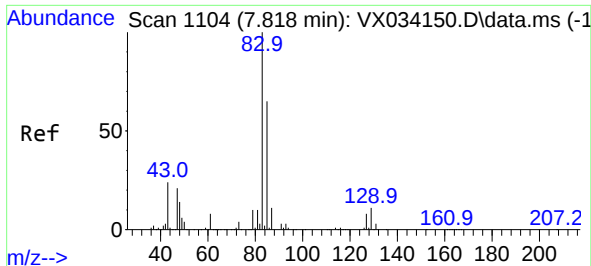
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#46
Dibromomethane
Concen: 18.349 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

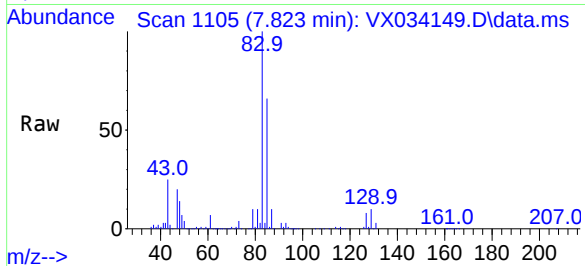
Tgt Ion: 93 Resp: 71637
Ion Ratio Lower Upper
93 100
95 84.0 67.6 101.4
174 100.3 97.4 146.0





#47
Bromodichloromethane
Concen: 18.572 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

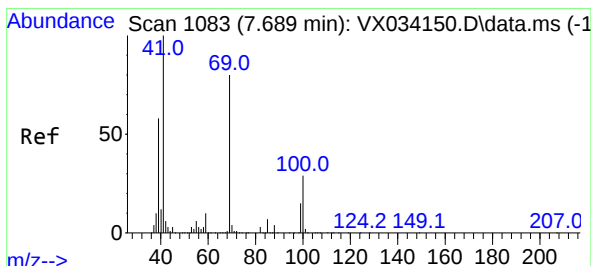
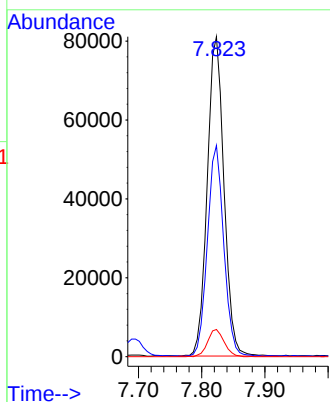
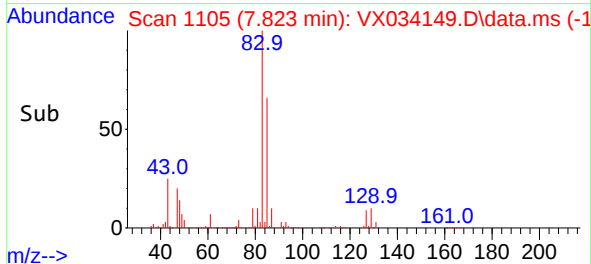
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



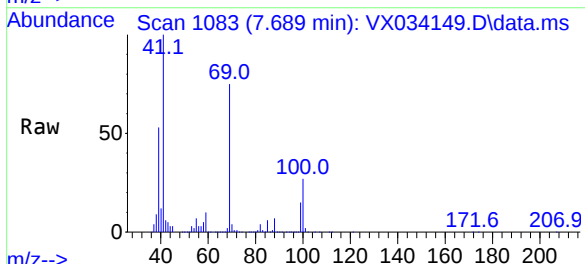
Tgt Ion: 83 Resp: 148799
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 8.5 7.0 10.4

Manual Integrations
APPROVED

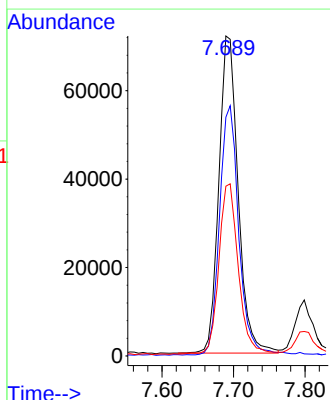
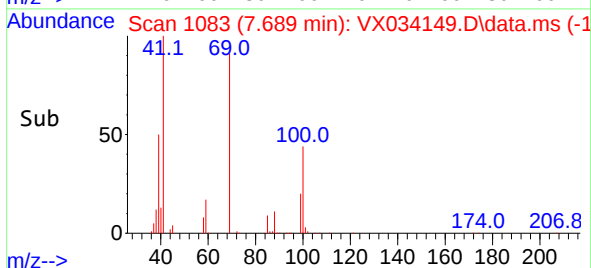
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

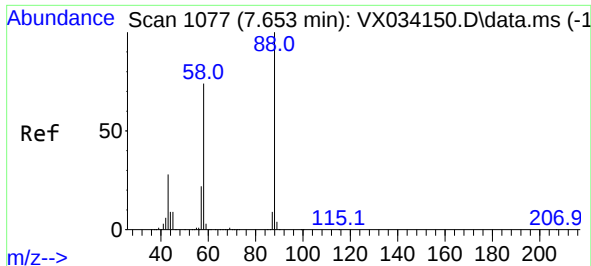


#48
Methyl methacrylate
Concen: 19.067 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion: 41 Resp: 134211
Ion Ratio Lower Upper
41 100
69 78.7 63.1 94.7
39 54.4 43.2 64.8





#49

1,4-Dioxane

Concen: 403.842 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 5669

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0

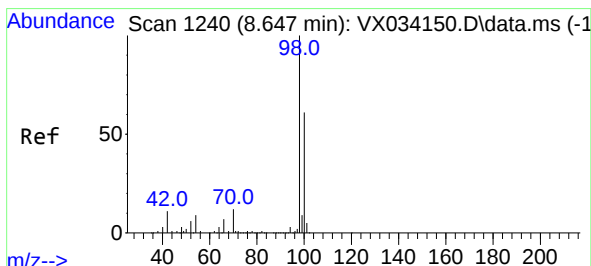
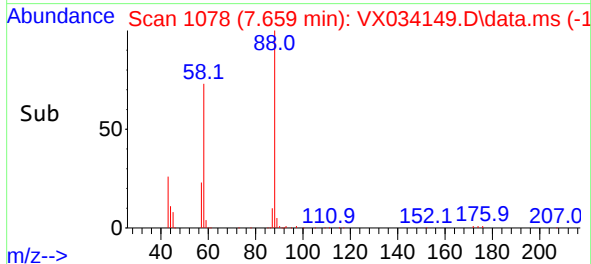
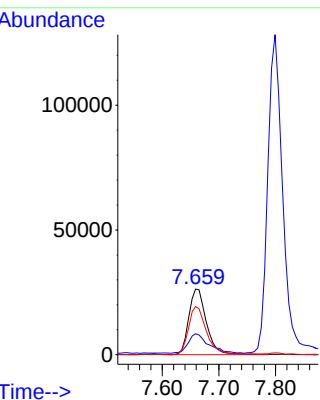
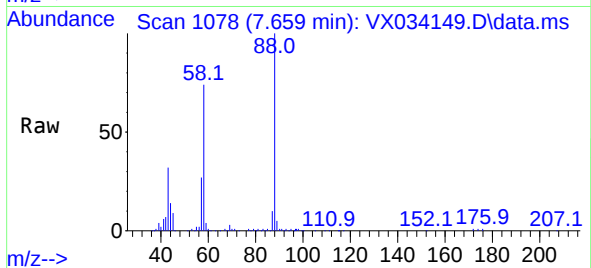
58 74.7 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#50

Toluene-d8

Concen: 19.946 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034149.D

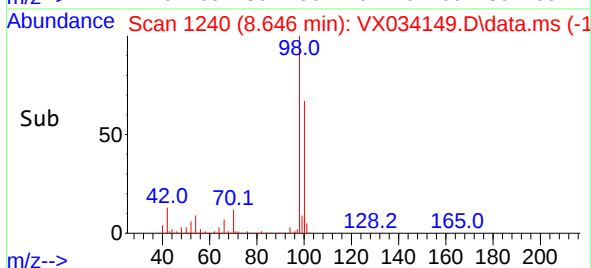
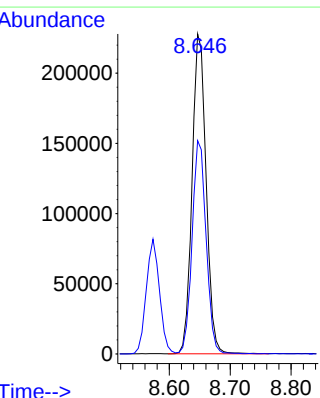
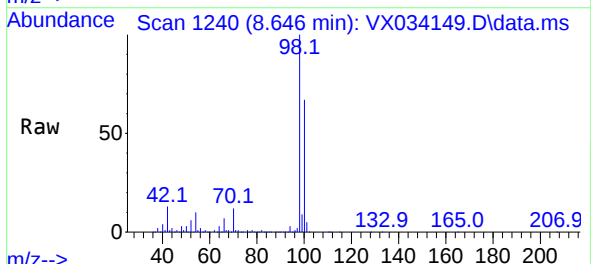
Acq: 17 Feb 2023 10:18

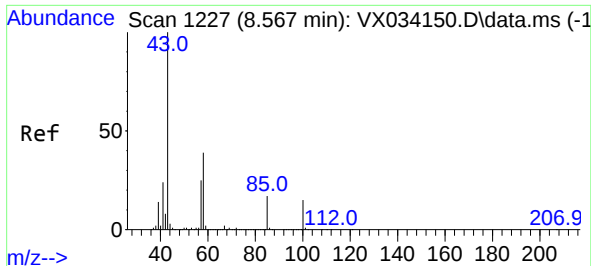
Tgt Ion: 98 Resp: 364134

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 101.454 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 827790

Ion Ratio Lower Upper

43 100

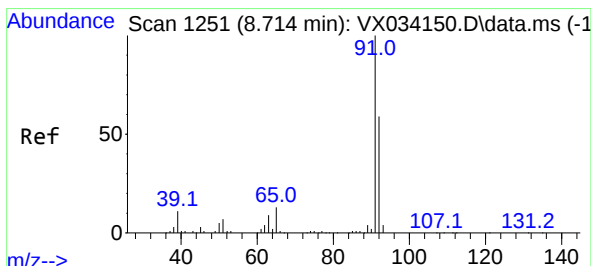
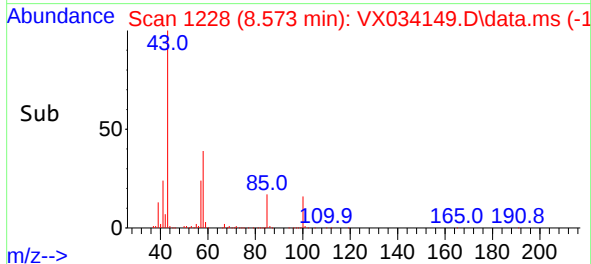
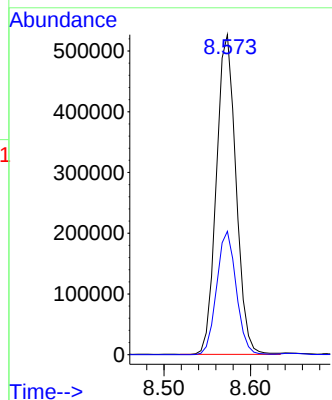
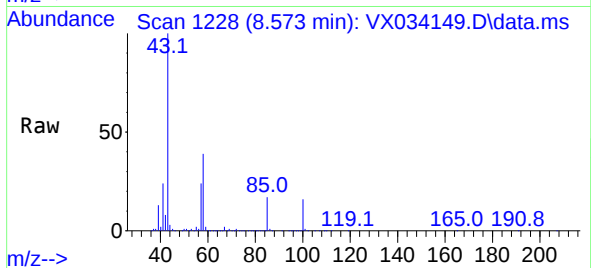
58 38.5 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#52

Toluene

Concen: 18.983 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034149.D

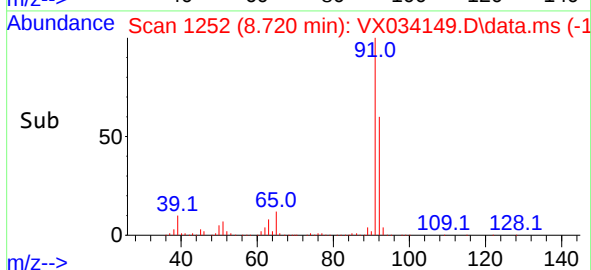
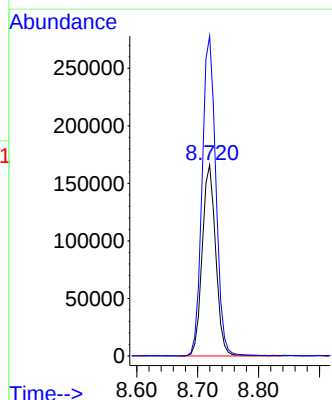
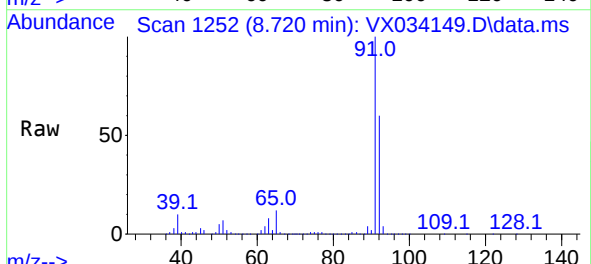
Acq: 17 Feb 2023 10:18

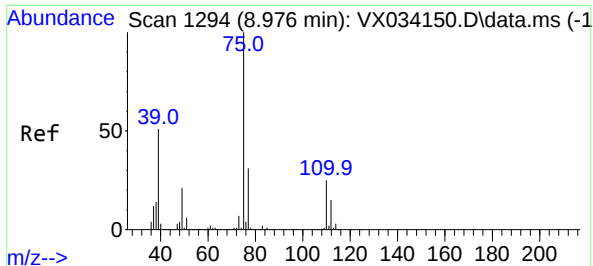
Tgt Ion: 92 Resp: 256322

Ion Ratio Lower Upper

92 100

91 169.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 18.655 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 17204

Ion Ratio Lower Upper

75 100

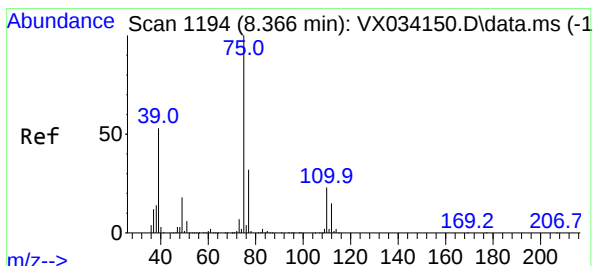
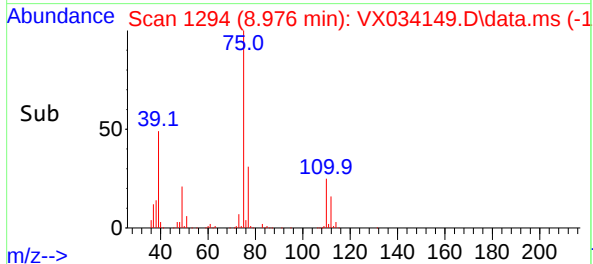
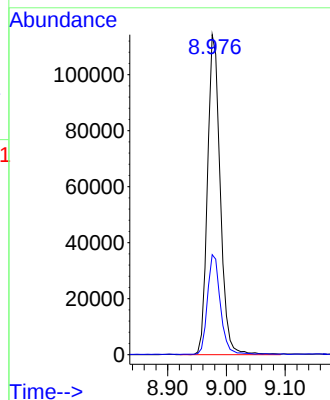
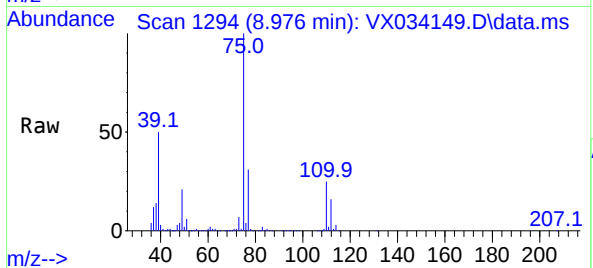
77 31.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#54

cis-1,3-Dichloropropene

Concen: 18.834 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

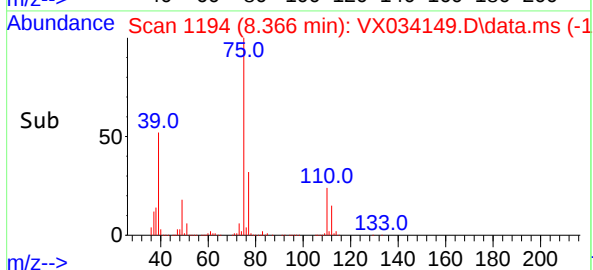
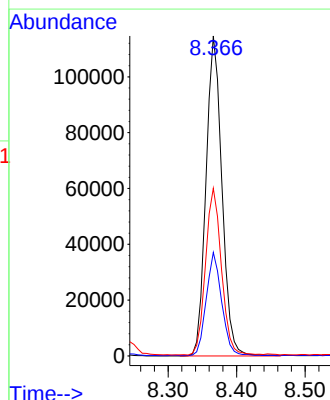
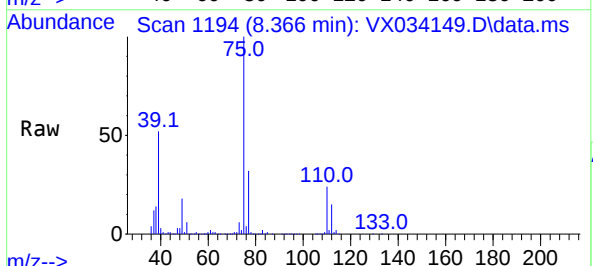
Tgt Ion: 75 Resp: 185956

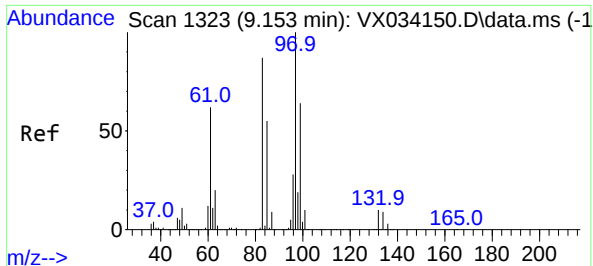
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 52.1 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.224 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

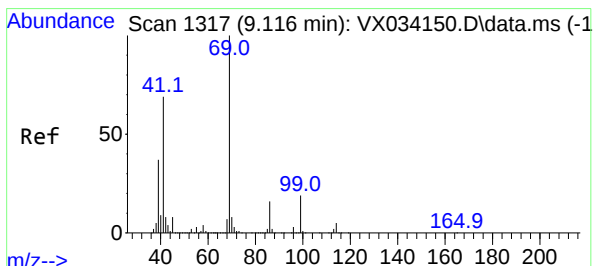
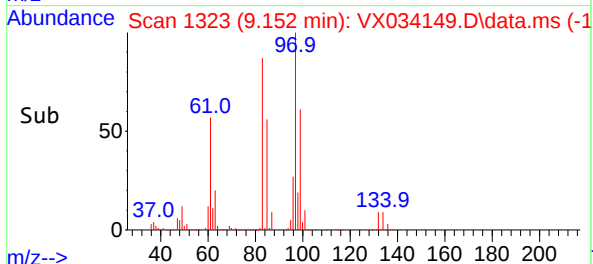
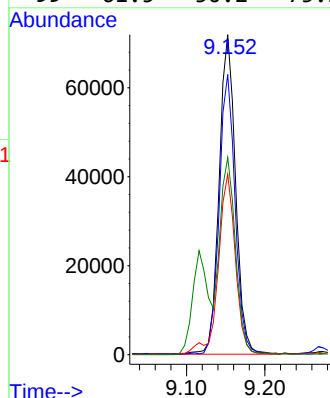
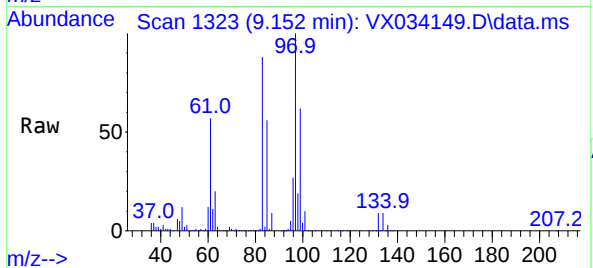
VSTDICC020

Tgt Ion: 97 Resp: 104777
Ion Ratio Lower Upper
97 100
83 87.4 67.4 101.0
85 56.1 43.2 64.8
99 61.5 50.2 75.2

Manual Integrations

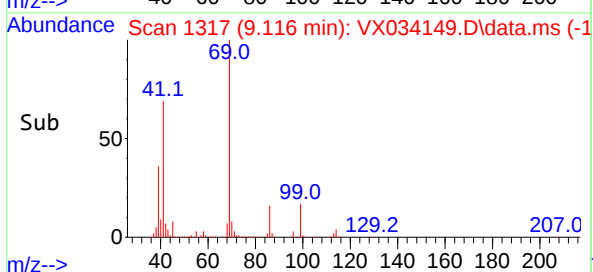
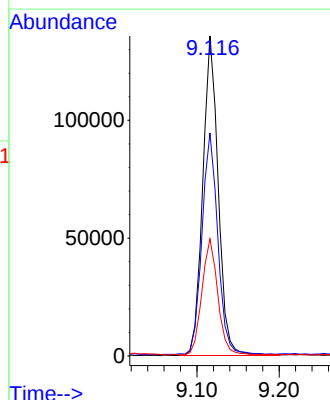
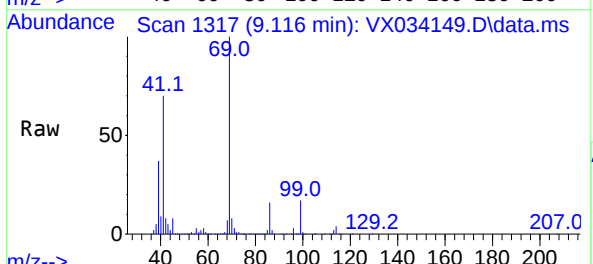
APPROVED

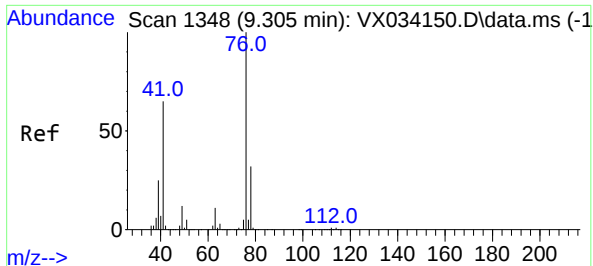
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#56
Ethyl methacrylate
Concen: 19.242 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

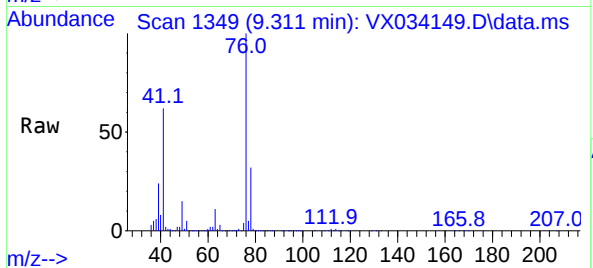
Tgt Ion: 69 Resp: 177412
Ion Ratio Lower Upper
69 100
41 71.1 55.1 82.7
39 37.3 28.5 42.7





#57
1,3-Dichloropropane
Concen: 19.291 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

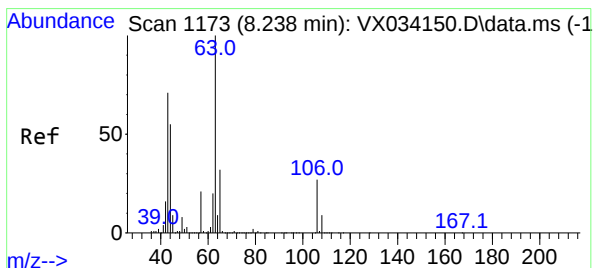
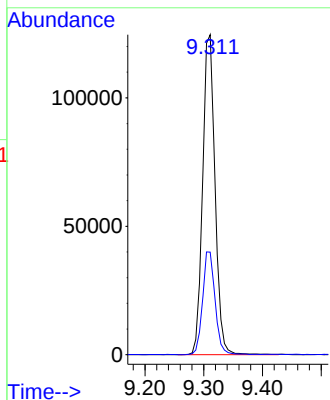
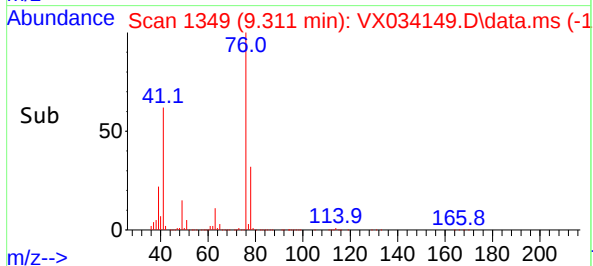
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 182930
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

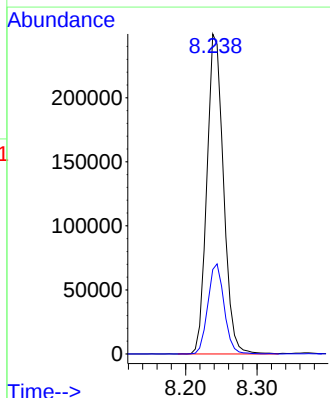
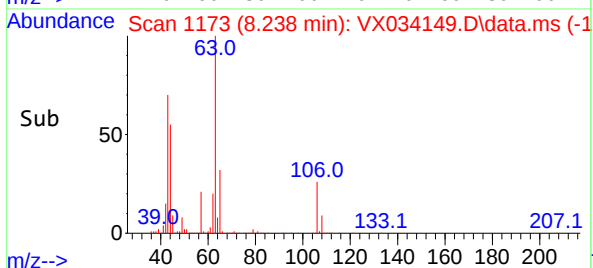
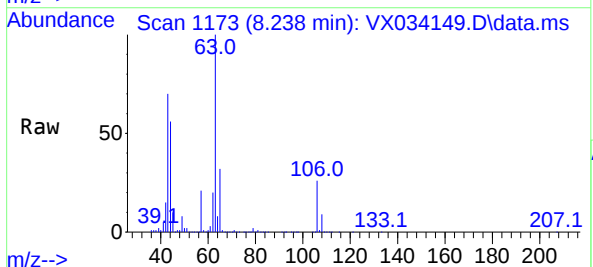
Manual Integrations
APPROVED

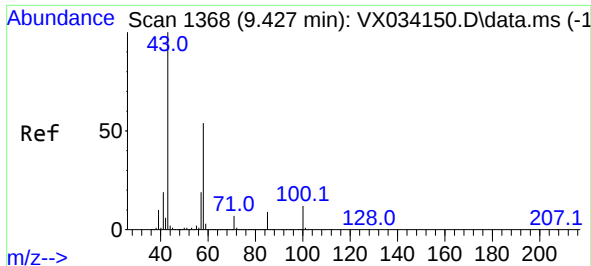
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 100.794 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion: 63 Resp: 402574
Ion Ratio Lower Upper
63 100
106 27.5 24.5 36.7





#59

2-Hexanone

Concen: 101.739 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034149.D

Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 63263

Ion Ratio Lower Upper

43 100

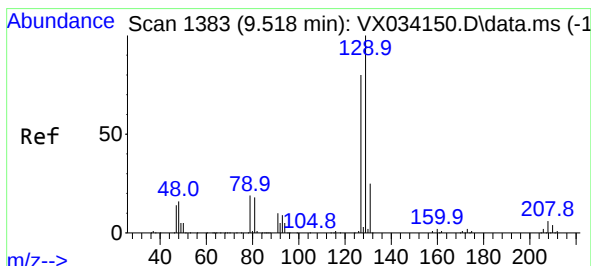
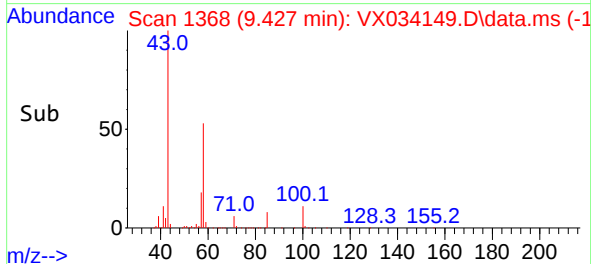
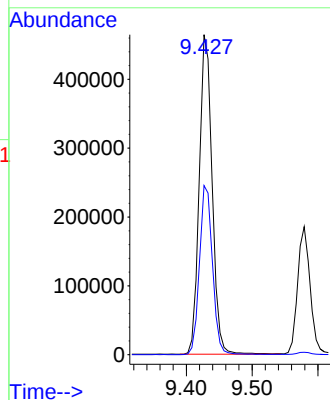
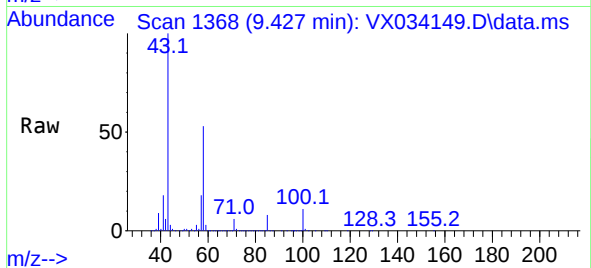
58 53.4 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#60

Dibromochloromethane

Concen: 18.870 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034149.D

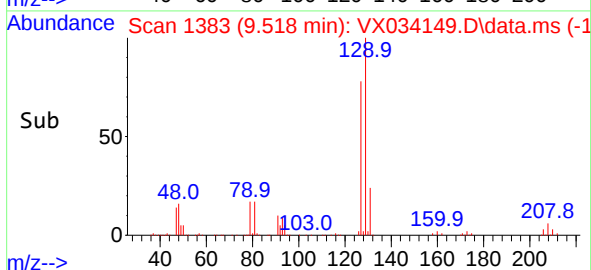
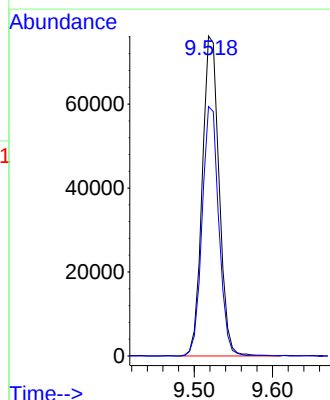
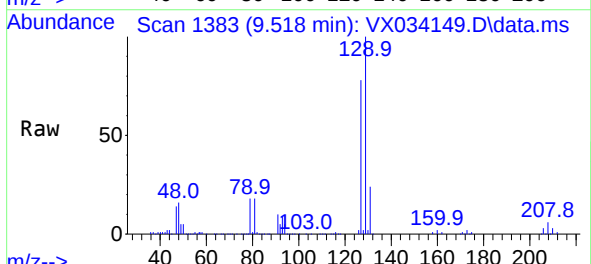
Acq: 17 Feb 2023 10:18

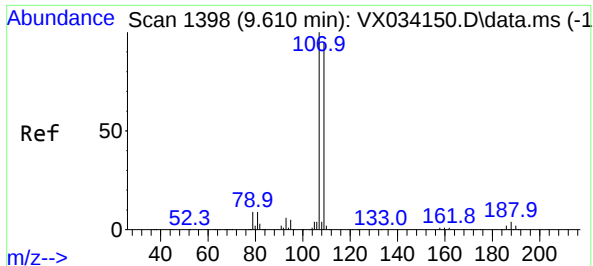
Tgt Ion:129 Resp: 113641

Ion Ratio Lower Upper

129 100

127 77.2 38.8 116.3





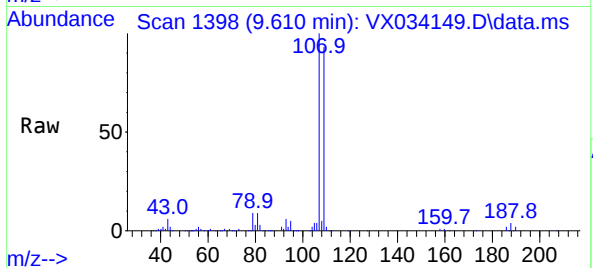
#61
1,2-Dibromoethane
Concen: 19.048 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



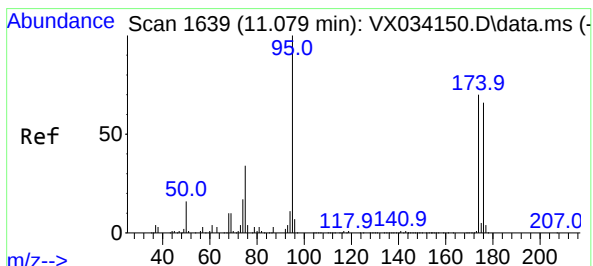
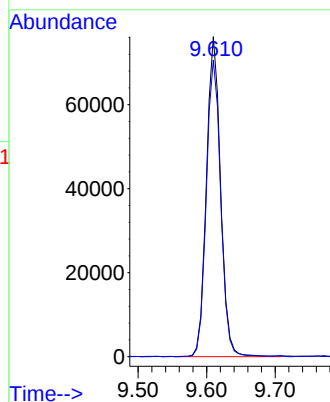
Tgt Ion:107 Resp: 109798
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.2

Manual Integrations

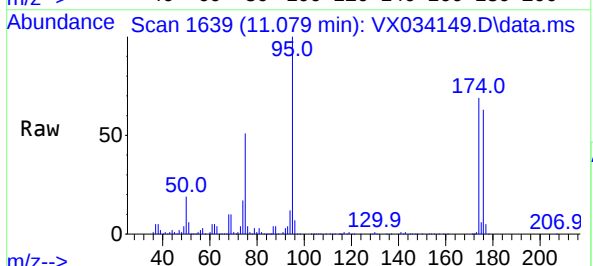
APPROVED

Reviewed By :John Carlone 02/21/2023

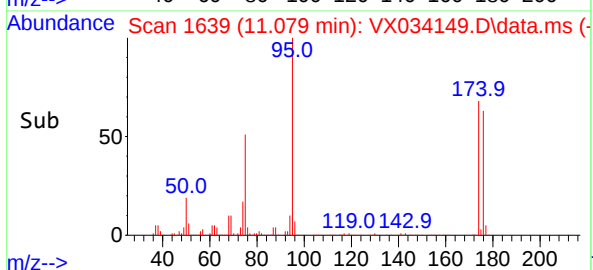
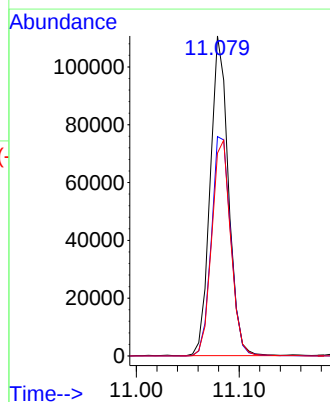
Supervised By :Mahesh Dadoda 02/21/2023

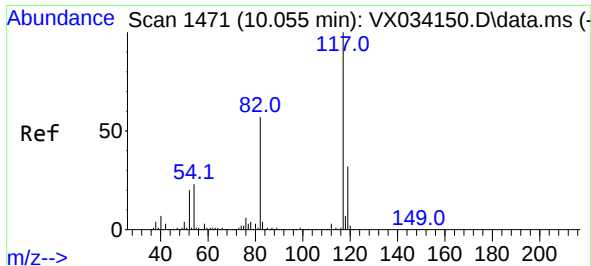


#62
4-Bromofluorobenzene
Concen: 19.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



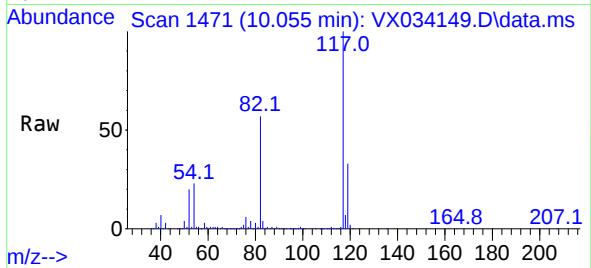
Tgt Ion: 95 Resp: 136716
Ion Ratio Lower Upper
95 100
174 72.8 0.0 184.4
176 70.2 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

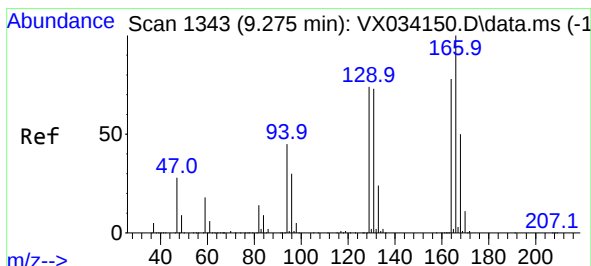
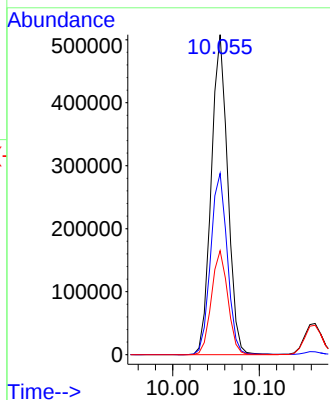
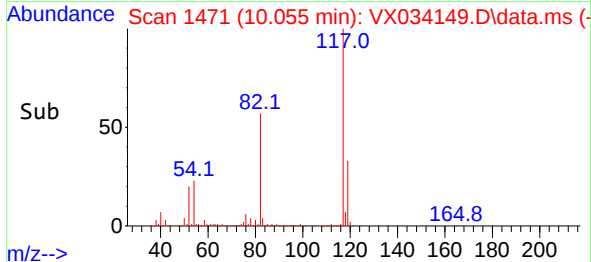
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



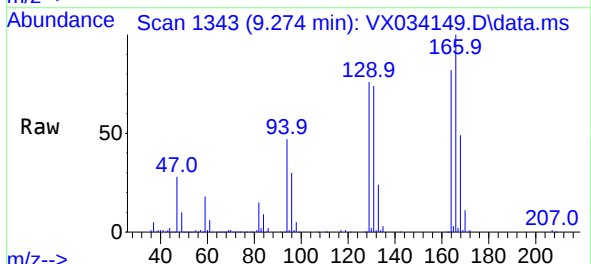
Tgt Ion:117 Resp: 671500
Ion Ratio Lower Upper
117 100
82 56.6 40.6 60.8
119 32.5 25.6 38.4

Manual Integrations
APPROVED

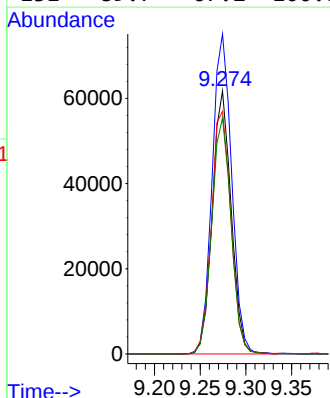
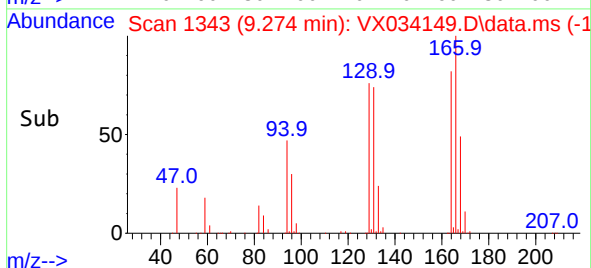
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

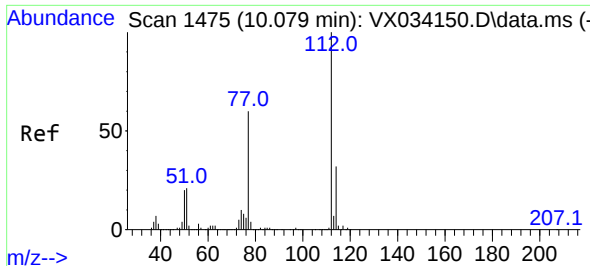


#64
Tetrachloroethene
Concen: 18.670 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



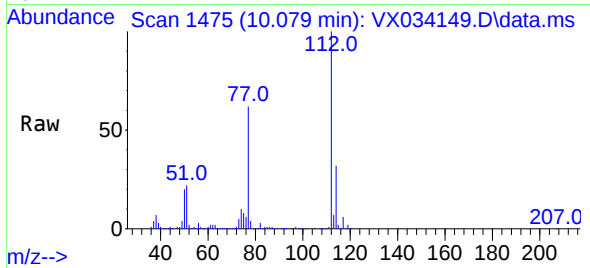
Tgt Ion:164 Resp: 88484
Ion Ratio Lower Upper
164 100
166 121.6 100.2 150.2
129 92.2 69.2 103.8
131 89.7 67.2 100.8





#65
Chlorobenzene
Concen: 19.013 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

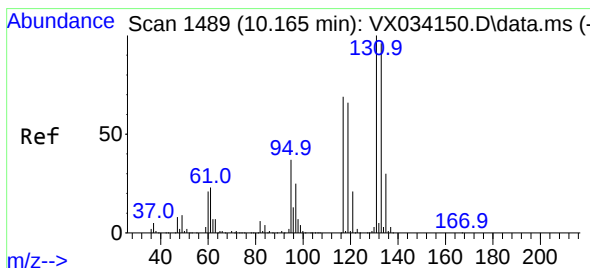
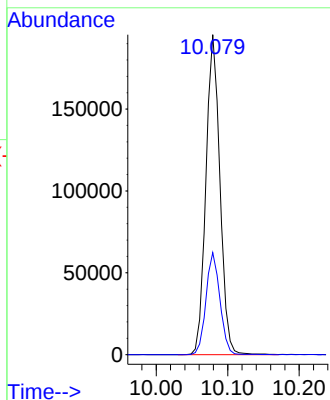
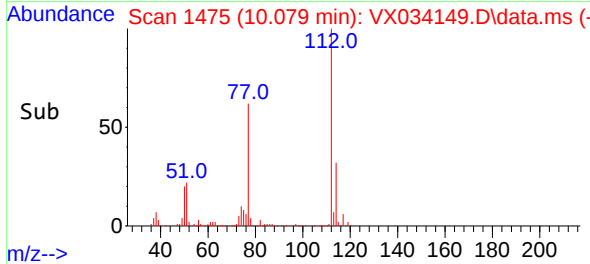
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 26614
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

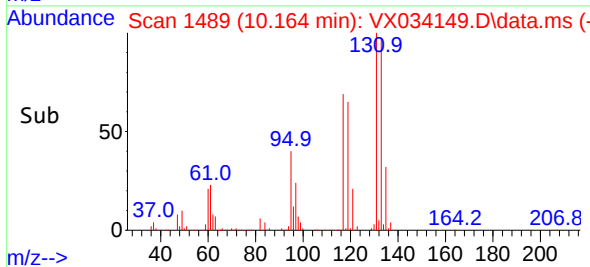
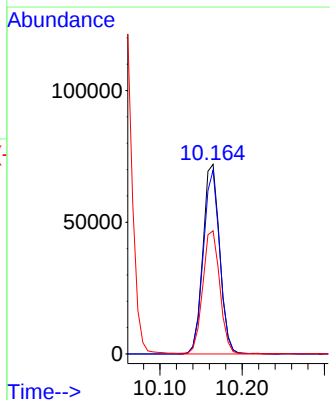
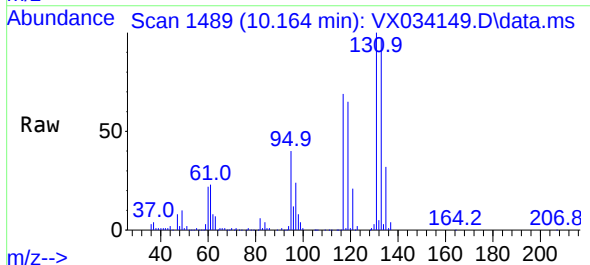
Manual Integrations
APPROVED

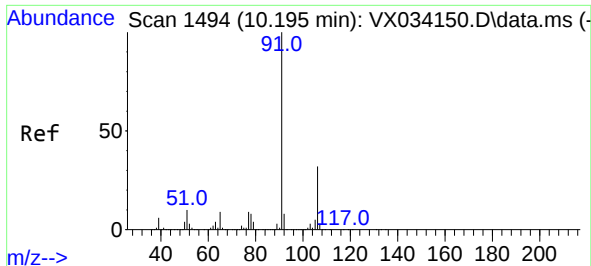
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.800 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

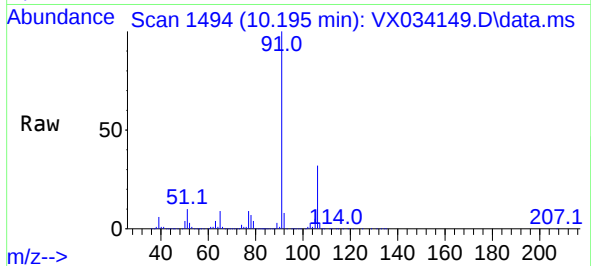
Tgt Ion:131 Resp: 101875
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.0
119 65.6 31.9 95.7





#67
Ethyl Benzene
Concen: 19.384 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

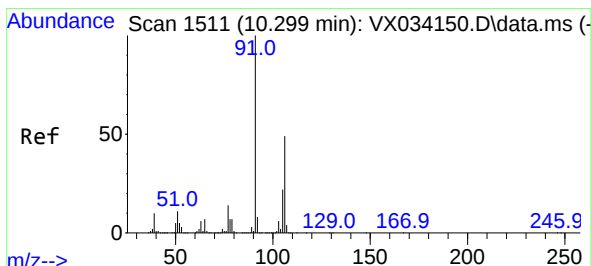
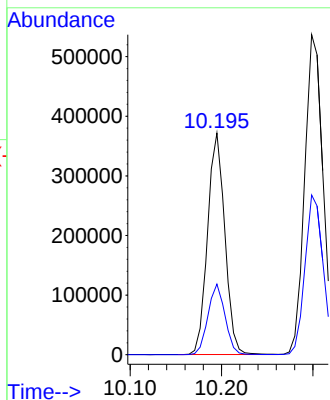
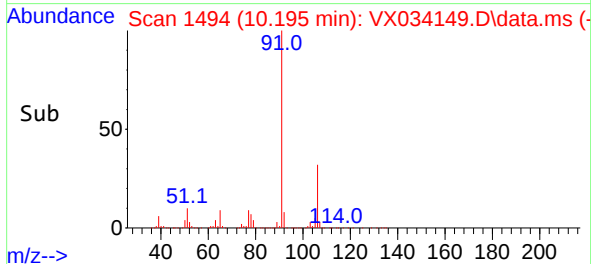
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



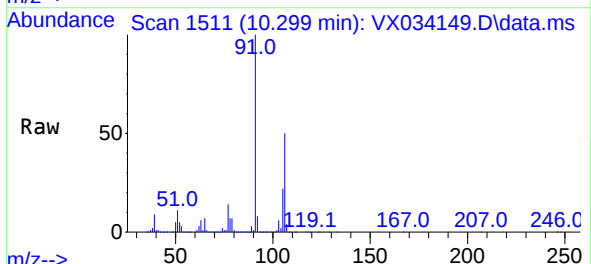
Tgt Ion: 91 Resp: 487456
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8

Manual Integrations
APPROVED

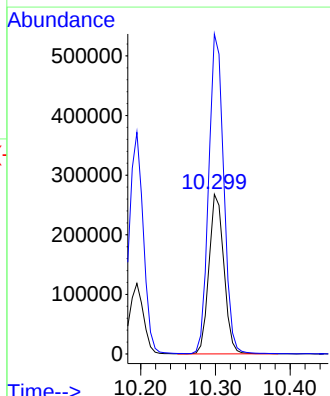
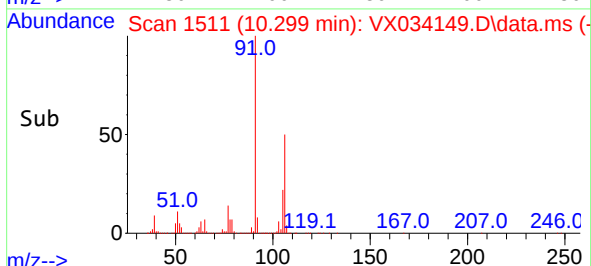
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

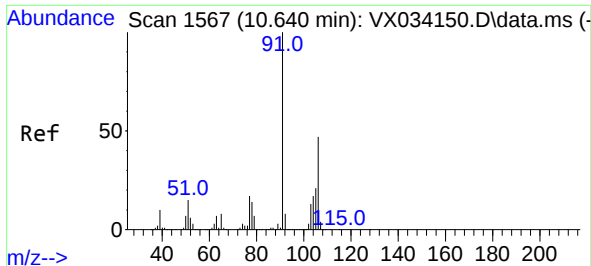


#68
m/p-Xylenes
Concen: 38.702 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion:106 Resp: 372446
Ion Ratio Lower Upper
106 100
91 201.8 156.4 234.6





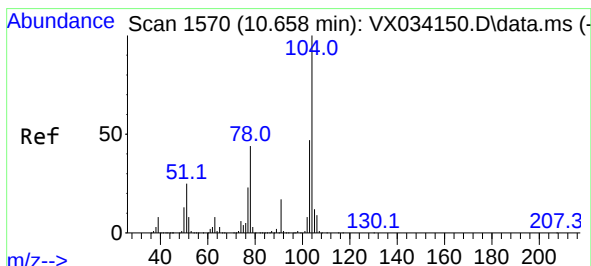
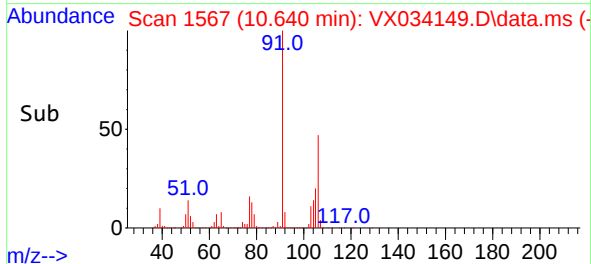
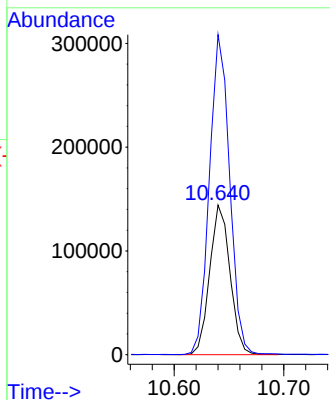
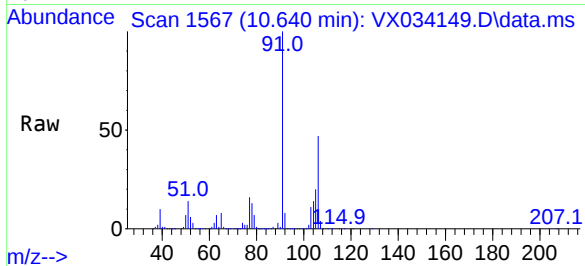
#69
o-Xylene
Concen: 19.389 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 185759
Ion Ratio Lower Upper
106 100
91 212.7 103.1 309.3

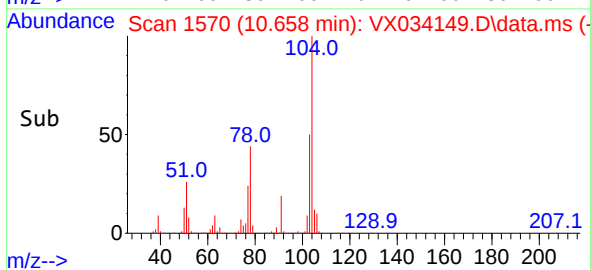
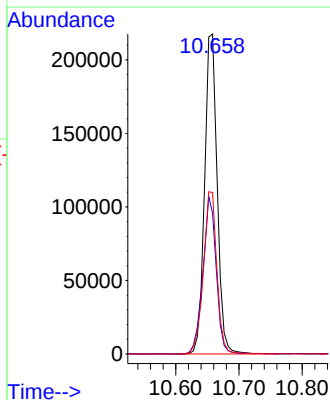
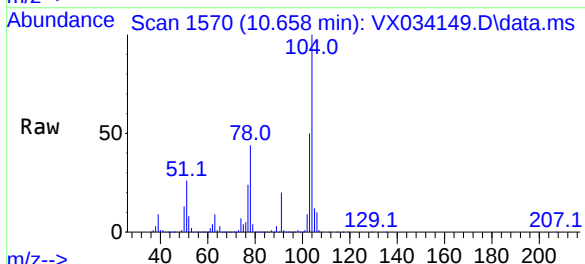
Manual Integrations
APPROVED

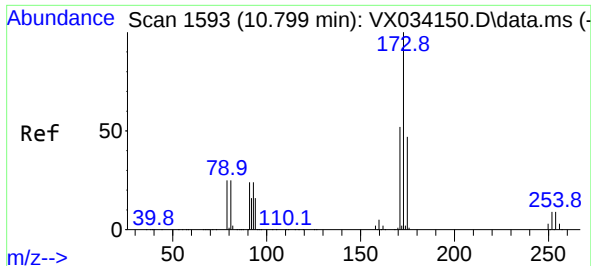
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 19.445 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

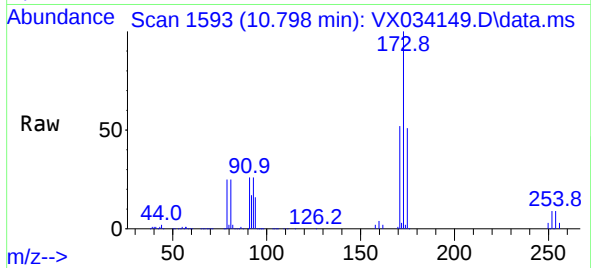
Tgt Ion:104 Resp: 302989
Ion Ratio Lower Upper
104 100
78 51.9 37.5 56.3
103 54.2 43.3 64.9





#71
Bromoform
Concen: 18.884 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

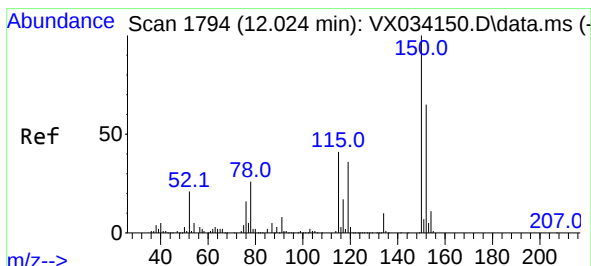
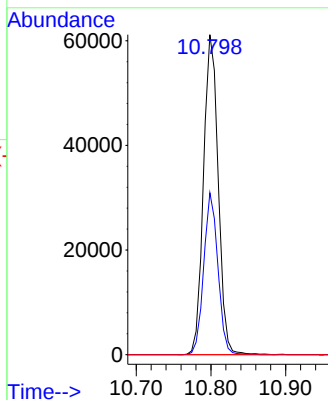
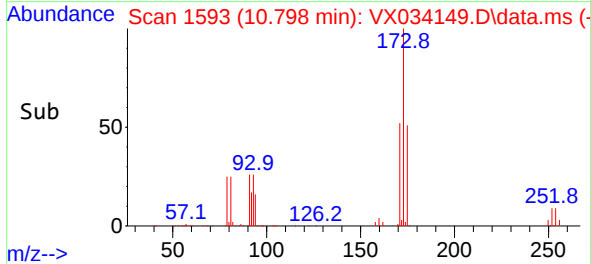
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



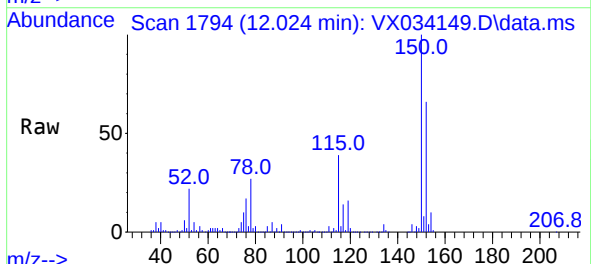
Tgt Ion:173 Resp: 83527
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

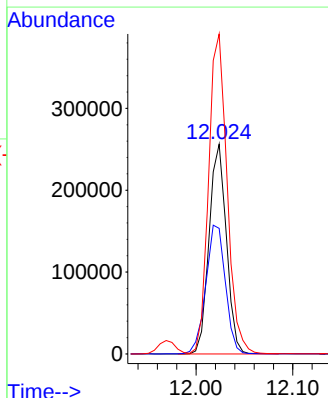
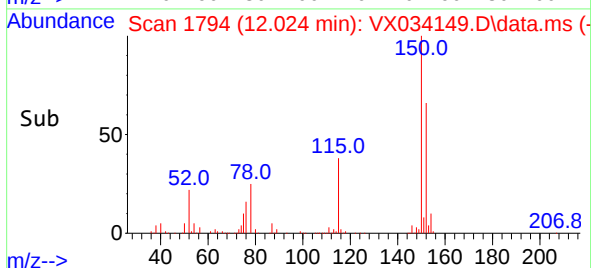
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

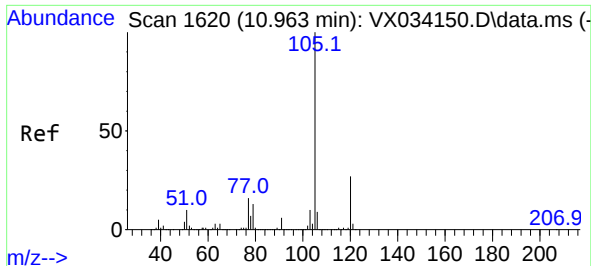


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion:152 Resp: 318579
Ion Ratio Lower Upper
152 100
115 69.4 38.7 116.1
150 162.5 0.0 348.2





#73
Isopropylbenzene
Concen: 19.278 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

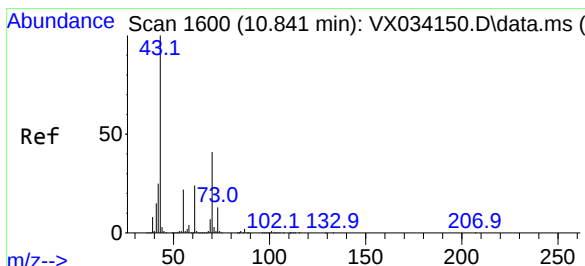
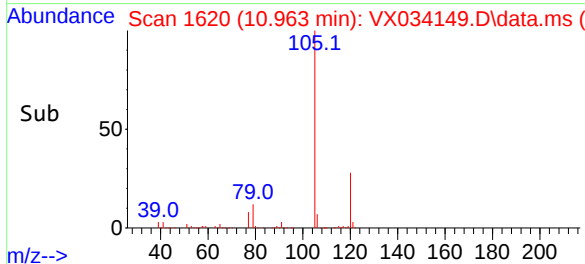
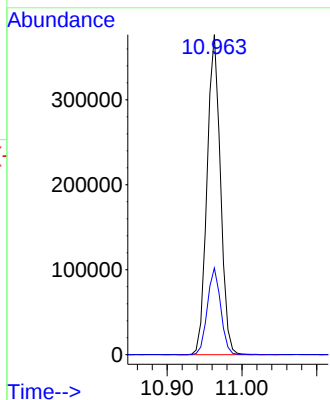
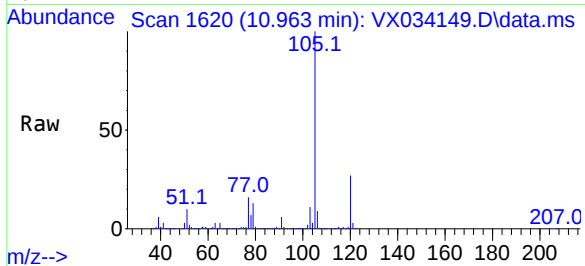
VSTDICC020

Tgt Ion:105 Resp: 46805
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.8

Manual Integrations

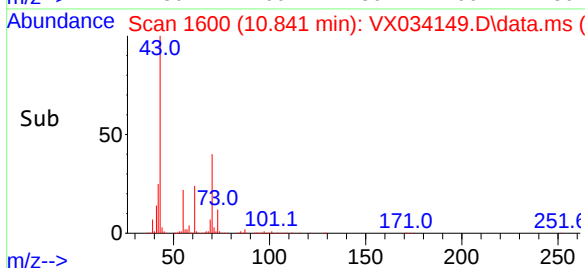
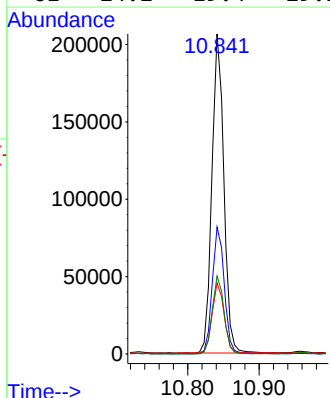
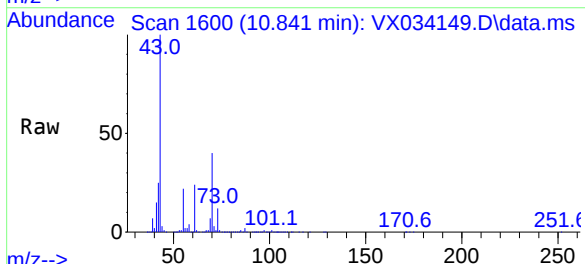
APPROVED

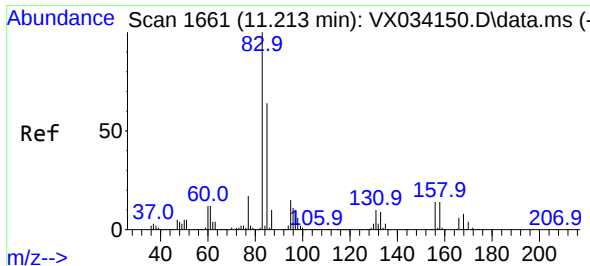
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#74
N-ethyl acetate
Concen: 19.583 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

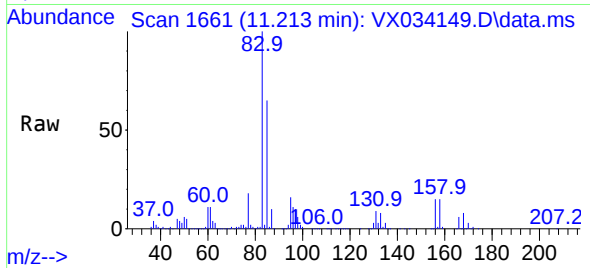
Tgt Ion: 43 Resp: 238875
Ion Ratio Lower Upper
43 100
70 40.1 34.8 52.2
55 22.1 19.4 29.0
61 24.2 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.455 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

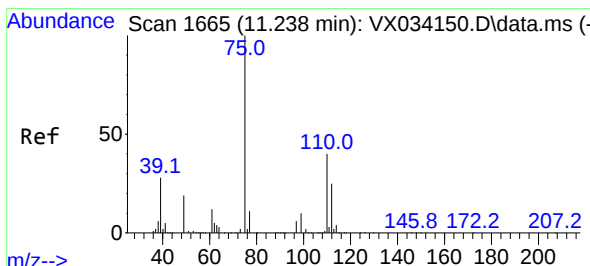
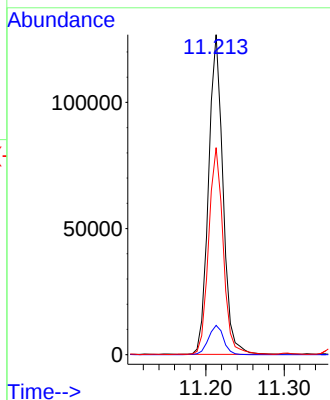
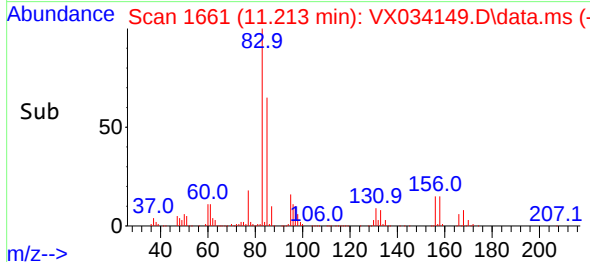
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



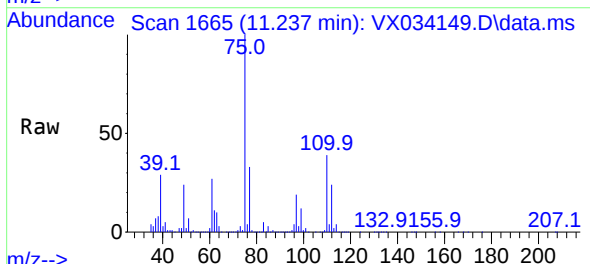
Tgt Ion: 83 Resp: 161564
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.7
85 65.6 32.3 96.9

Manual Integrations
APPROVED

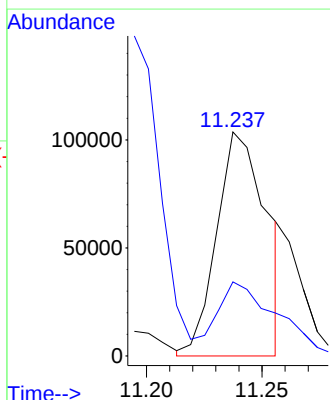
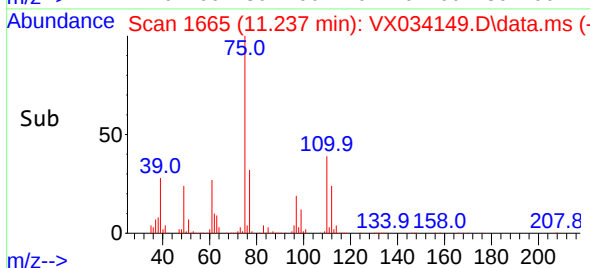
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

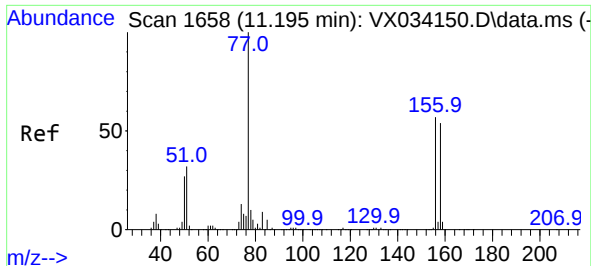


#76
1,2,3-Trichloropropane
Concen: 15.770 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



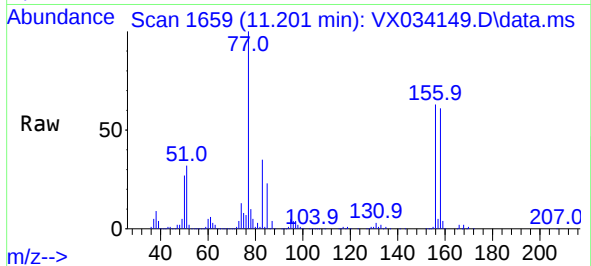
Tgt Ion: 75 Resp: 155392
Ion Ratio Lower Upper
75 100
77 39.8 21.8 65.4





#77
Bromobenzene
Concen: 18.972 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

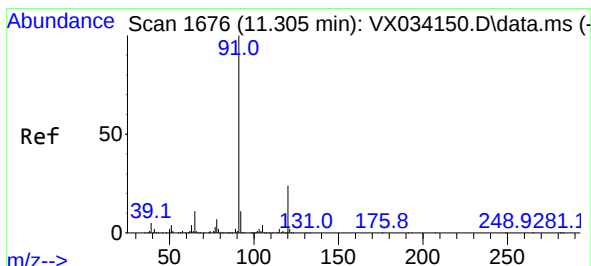
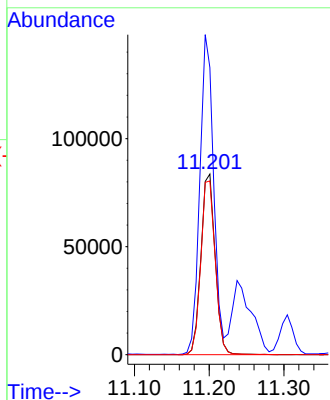
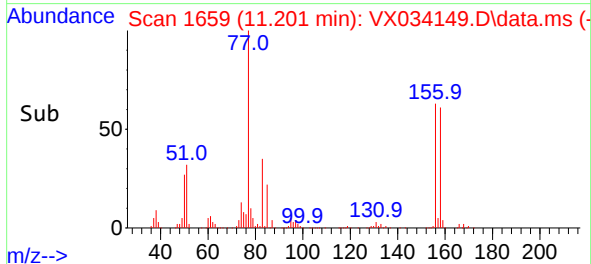
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



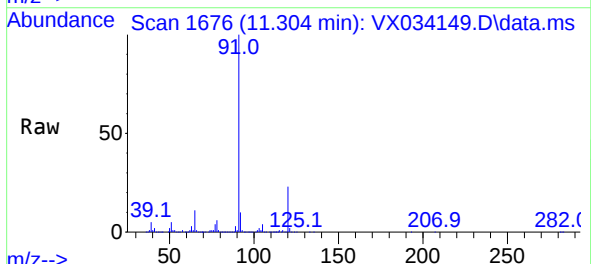
Tgt Ion:156 Resp: 110852
Ion Ratio Lower Upper
156 100
77 170.8 68.1 204.3
158 97.5 48.0 144.2

Manual Integrations
APPROVED

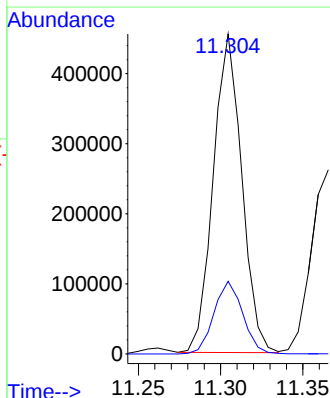
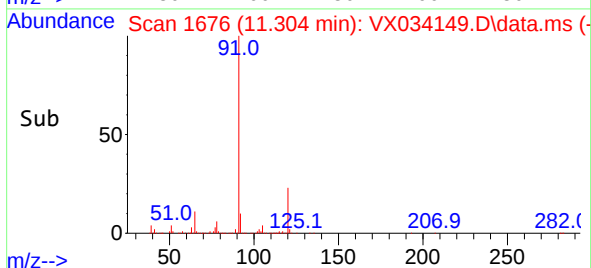
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

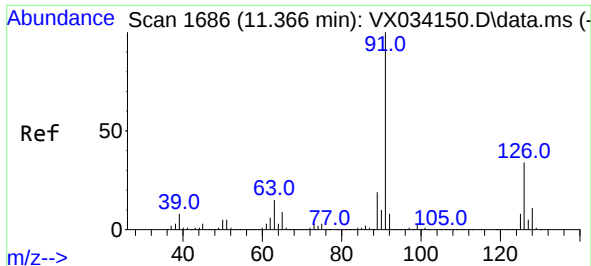


#78
n-propylbenzene
Concen: 19.397 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion: 91 Resp: 547716
Ion Ratio Lower Upper
91 100
120 23.1 12.3 36.8





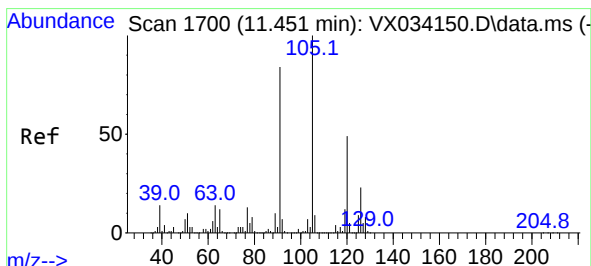
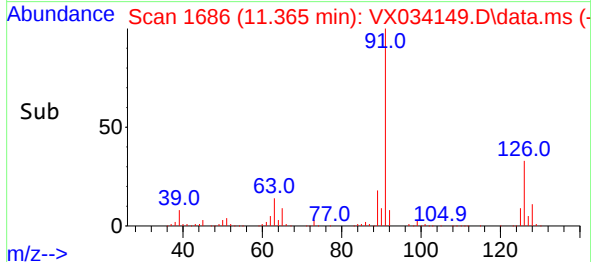
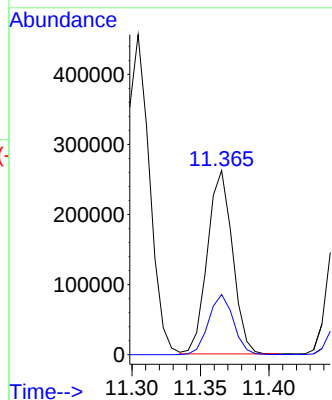
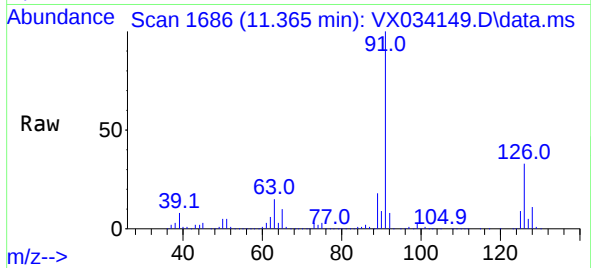
#79
2-Chlorotoluene
Concen: 19.261 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 333508
Ion Ratio Lower Upper
91 100
126 32.4 18.1 54.1

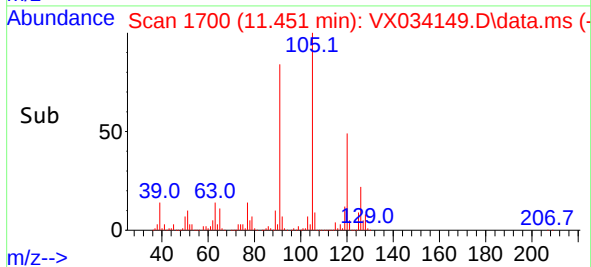
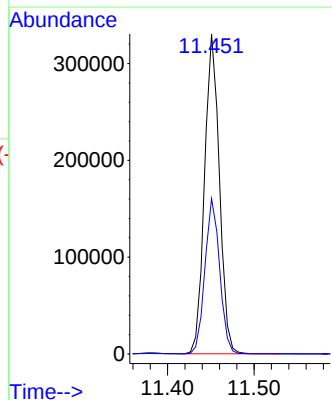
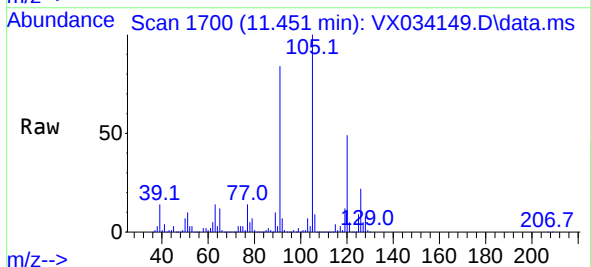
Manual Integrations
APPROVED

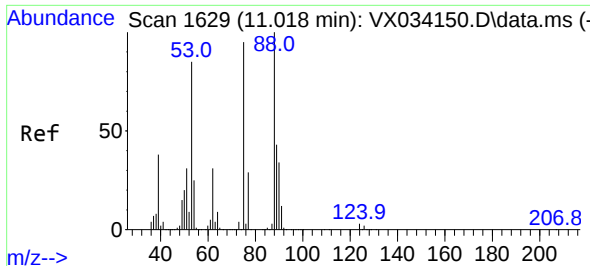
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

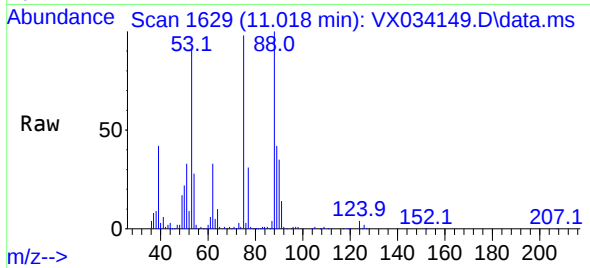
Tgt Ion:105 Resp: 392766
Ion Ratio Lower Upper
105 100
120 48.1 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.511 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

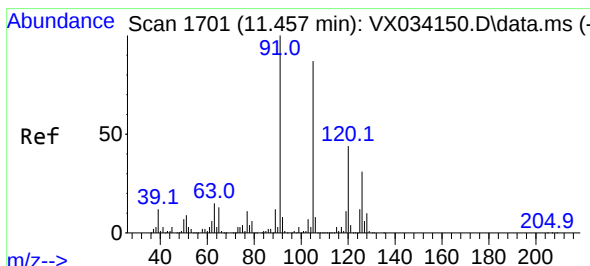
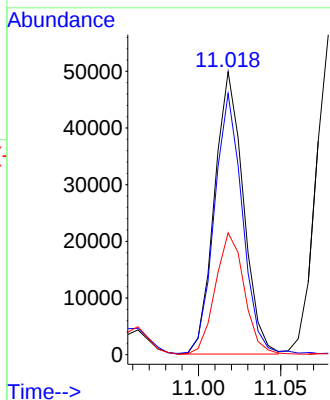
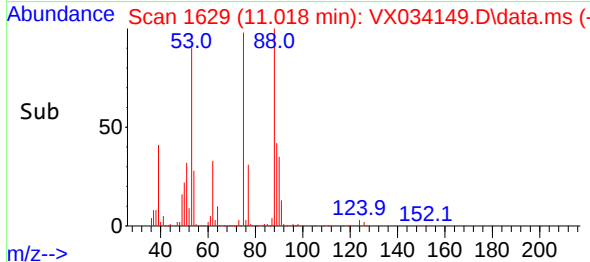
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 60880
Ion Ratio Lower Upper
75 100
53 89.1 83.0 124.6
89 43.1 37.7 56.5

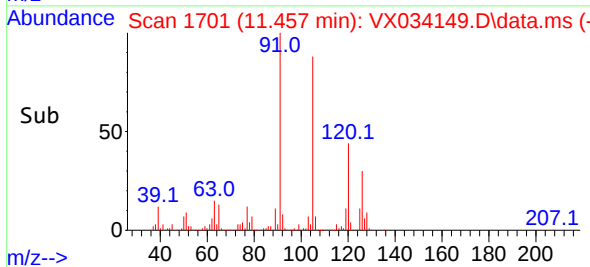
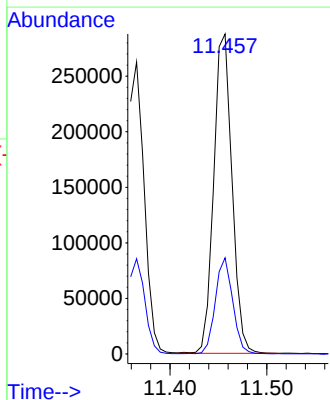
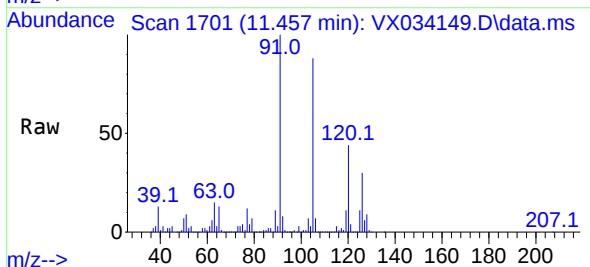
Manual Integrations
APPROVED

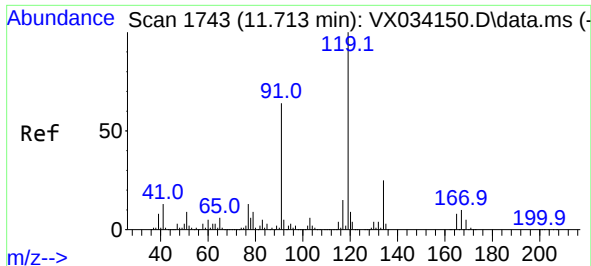
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#82
4-Chlorotoluene
Concen: 19.109 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion: 91 Resp: 376842
Ion Ratio Lower Upper
91 100
126 28.7 15.8 47.4





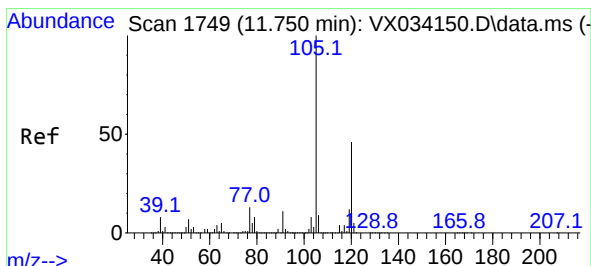
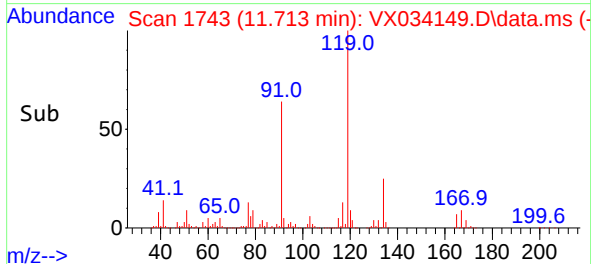
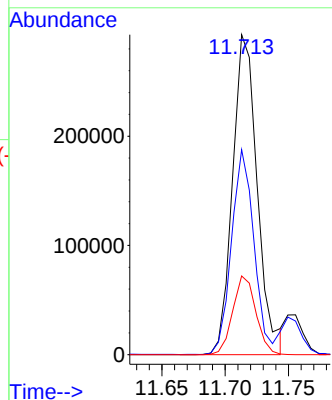
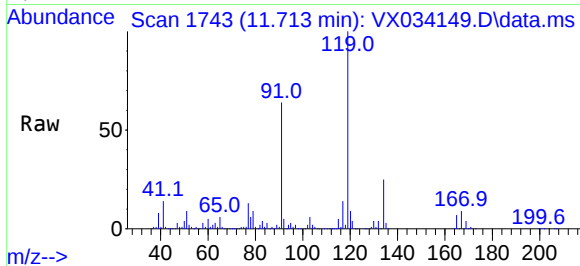
#83
tert-Butylbenzene
Concen: 19.051 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 398302
Ion Ratio Lower Upper
119 100
91 58.0 26.9 80.7
134 23.1 12.3 36.8

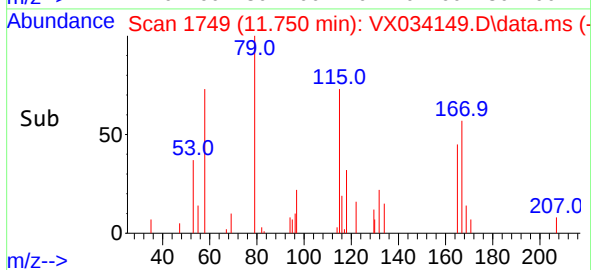
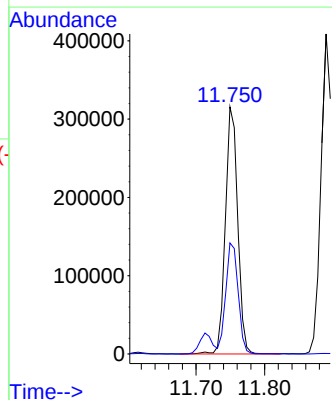
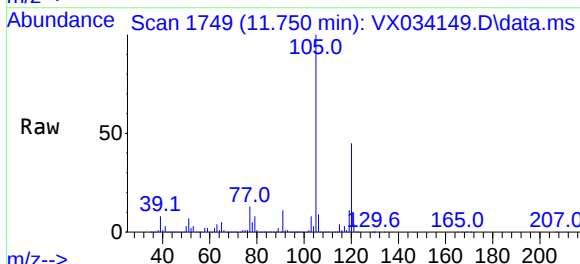
Manual Integrations
APPROVED

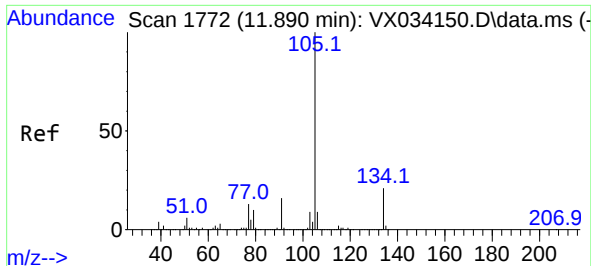
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.998 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion:105 Resp: 392110
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 19.058 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034149.D
 Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

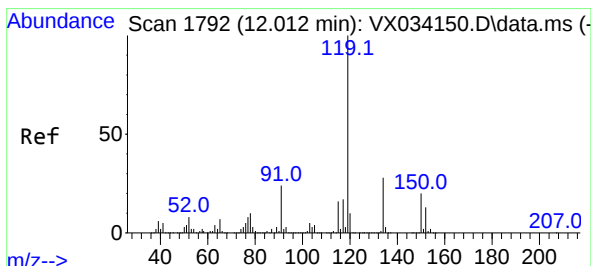
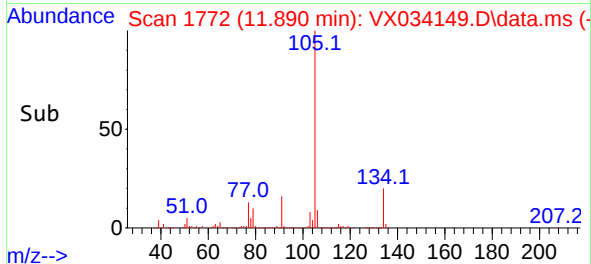
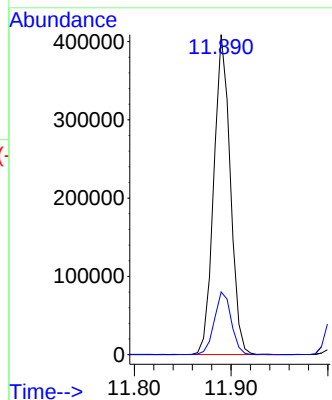
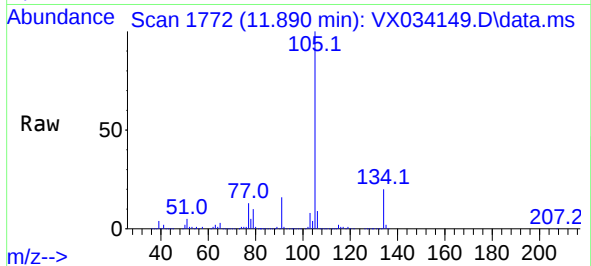
VSTDIC020

Tgt Ion:105 Resp: 48385
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.8 32.3

Manual Integrations

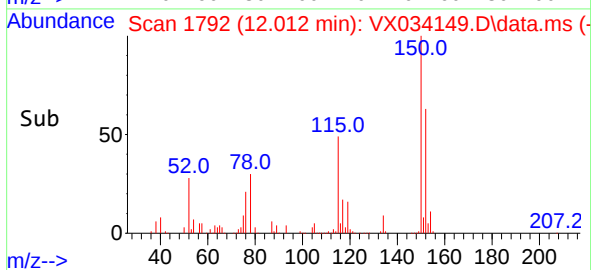
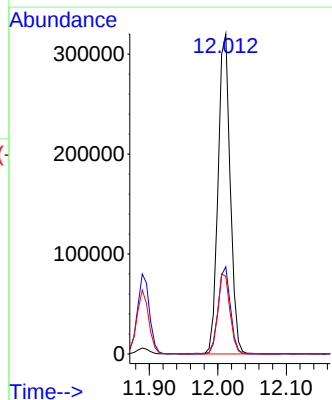
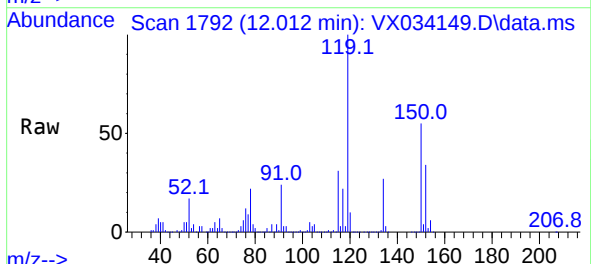
APPROVED

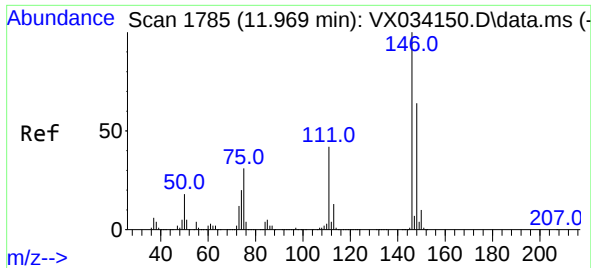
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#86
 p-Isopropyltoluene
 Concen: 18.719 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX034149.D
 Acq: 17 Feb 2023 10:18

Tgt Ion:119 Resp: 393324
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 25.2 11.0 33.0





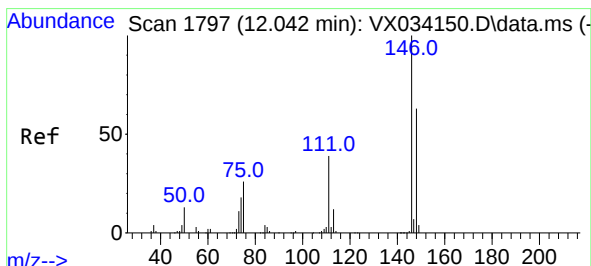
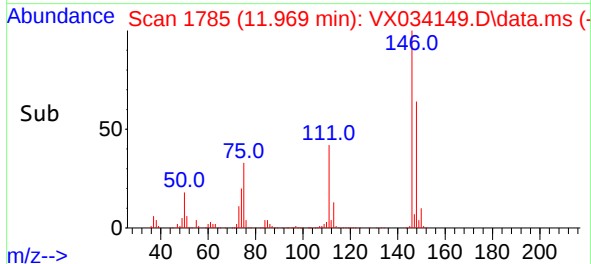
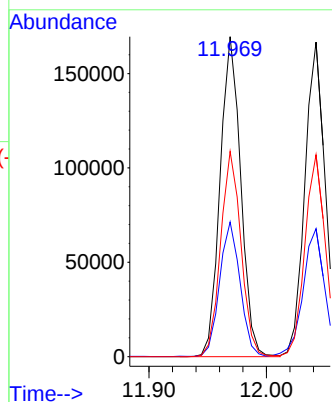
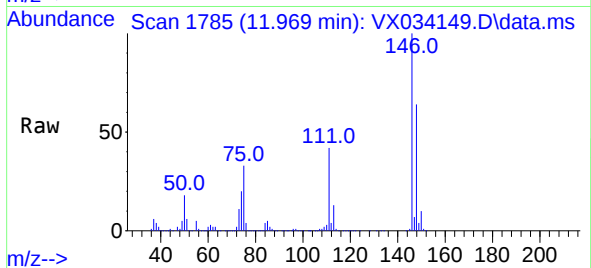
#87
1,3-Dichlorobenzene
Concen: 18.910 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 207214
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.4 31.9 95.5

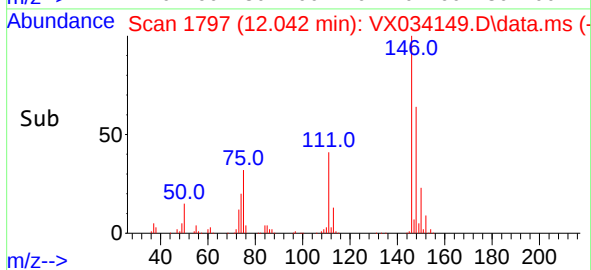
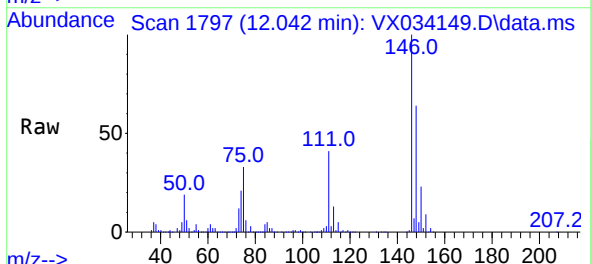
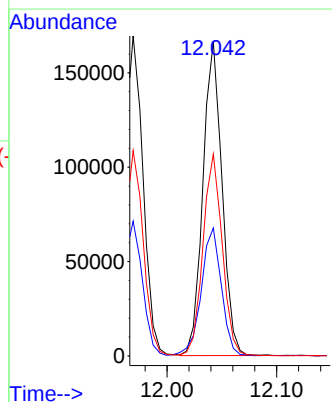
Manual Integrations
APPROVED

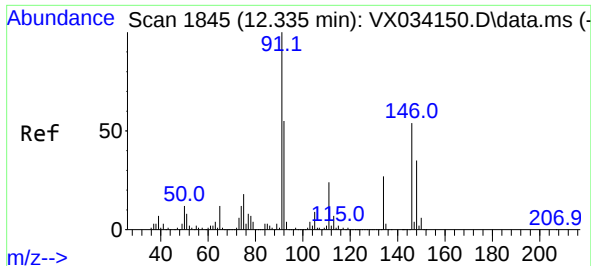
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#88
1,4-Dichlorobenzene
Concen: 18.413 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion:146 Resp: 201567
Ion Ratio Lower Upper
146 100
111 42.8 17.8 53.4
148 65.1 32.1 96.3





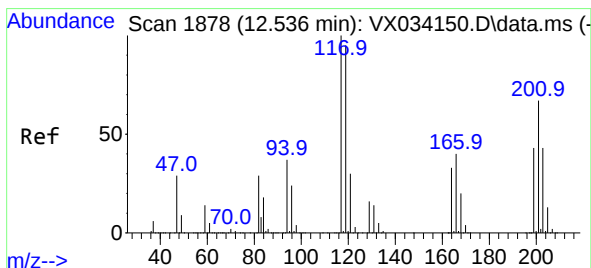
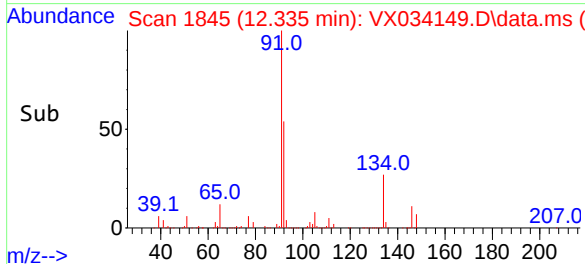
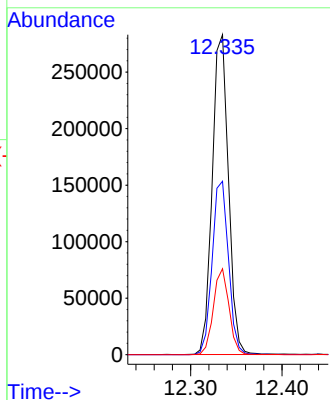
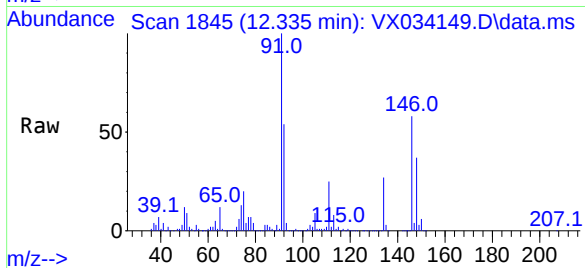
#89
n-Butylbenzene
Concen: 18.630 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 34864
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 26.0 14.3 42.9

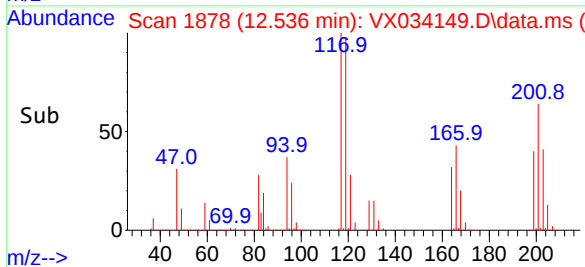
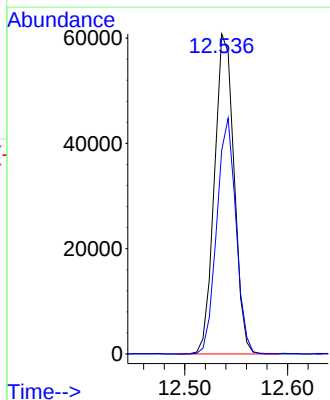
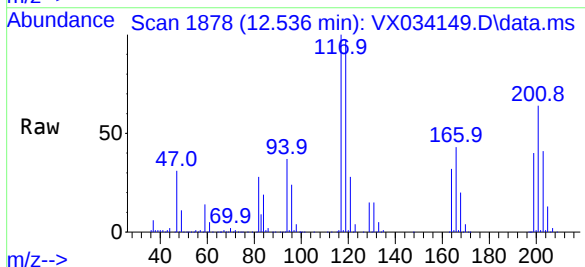
Manual Integrations
APPROVED

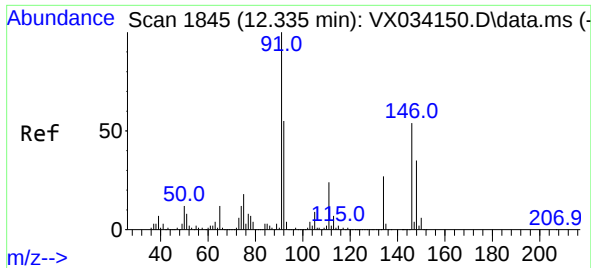
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 18.351 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

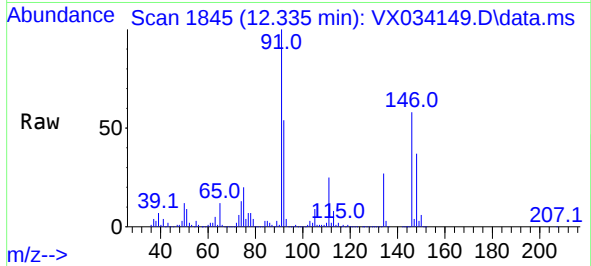
Tgt Ion:117 Resp: 80619
Ion Ratio Lower Upper
117 100
201 71.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.077 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

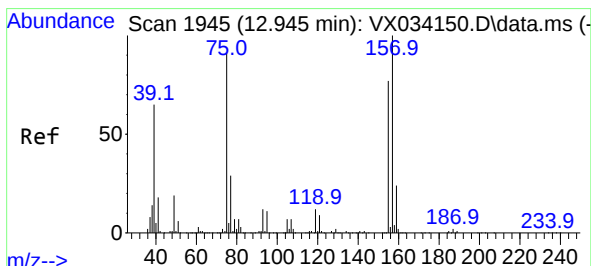
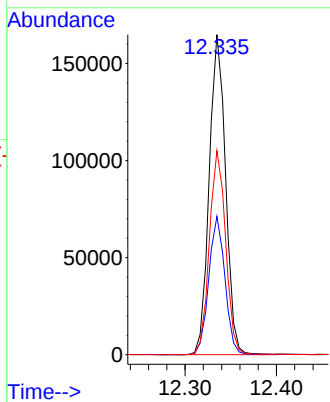
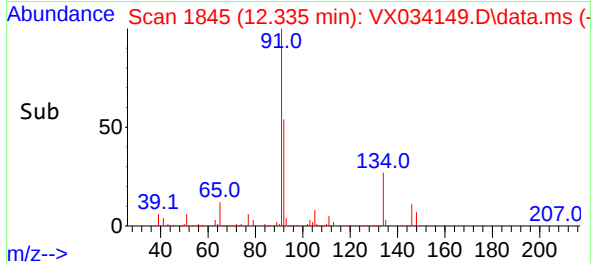
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 204538
Ion Ratio Lower Upper
146 100
111 42.8 19.3 57.8
148 63.7 32.3 96.9

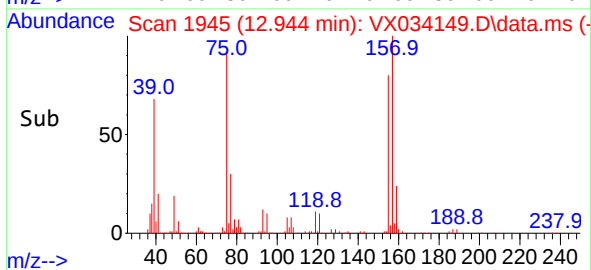
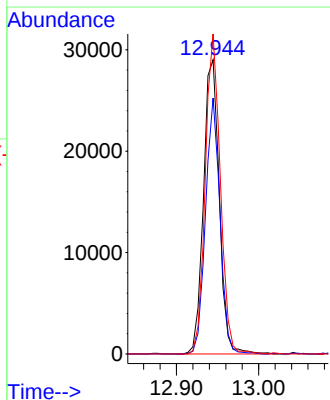
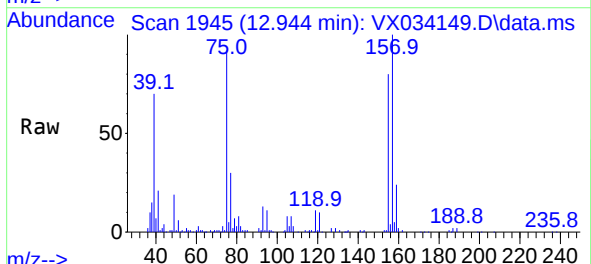
Manual Integrations
APPROVED

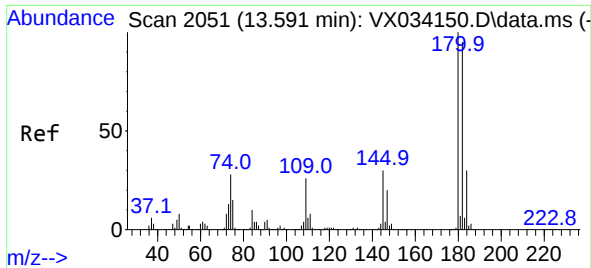
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.524 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Tgt Ion: 75 Resp: 38664
Ion Ratio Lower Upper
75 100
155 79.7 51.7 155.1
157 103.8 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 18.555 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

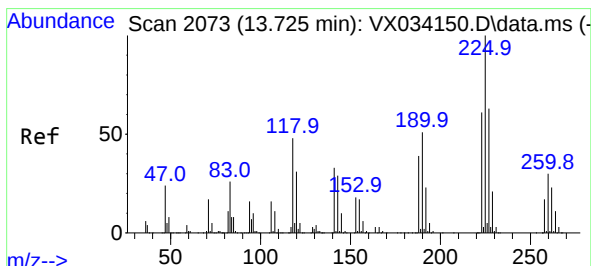
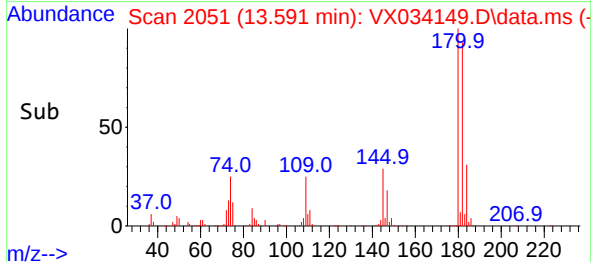
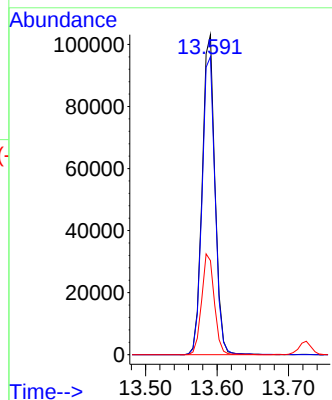
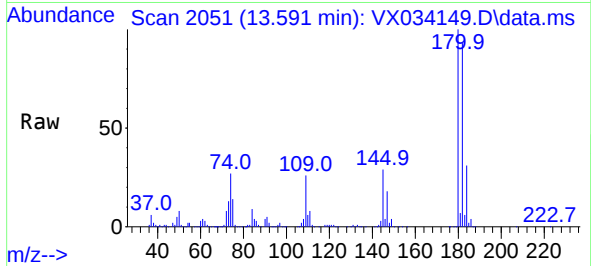
VSTDICC020

Tgt Ion:180 Resp: 127710
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 31.4 14.1 42.2

Manual Integrations

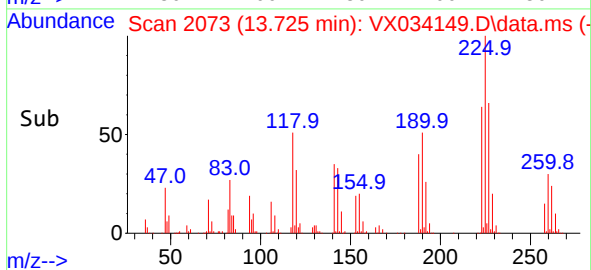
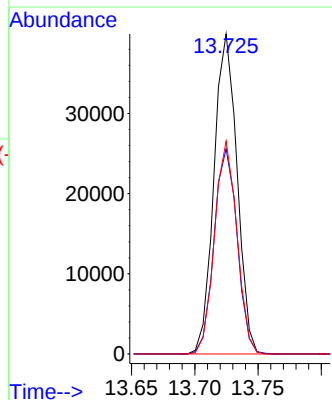
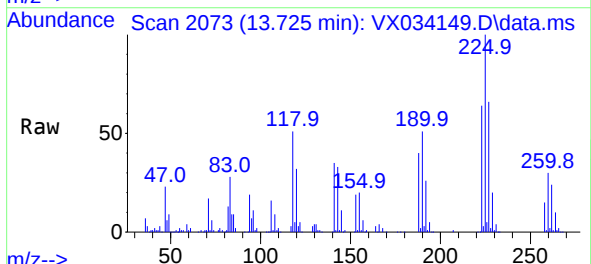
APPROVED

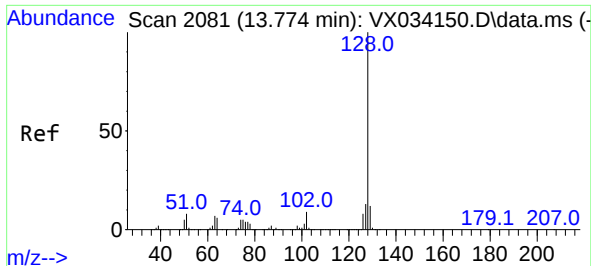
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#94
Hexachlorobutadiene
Concen: 17.723 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

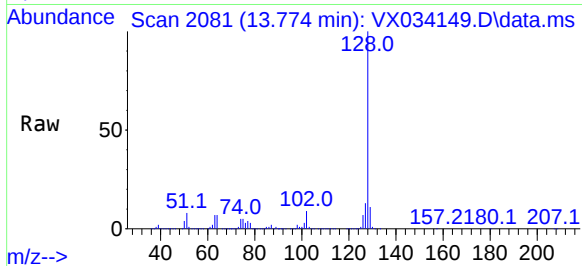
Tgt Ion:225 Resp: 50573
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.9
227 64.5 32.3 96.9





#95
Naphthalene
Concen: 19.310 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18

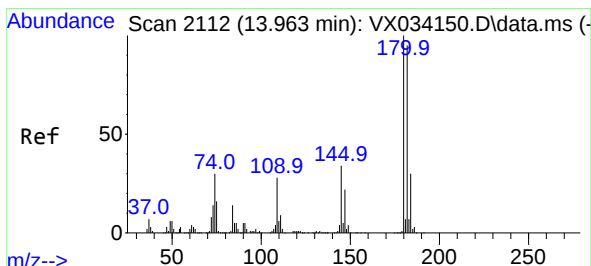
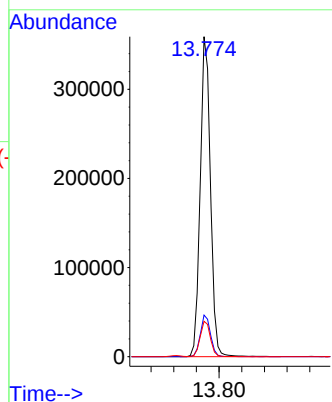
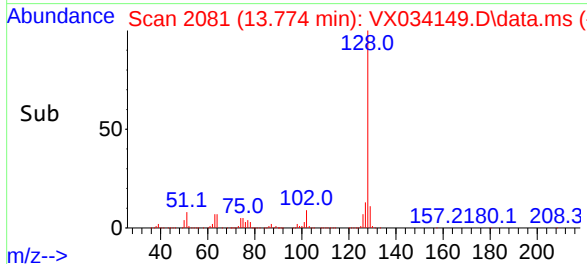
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



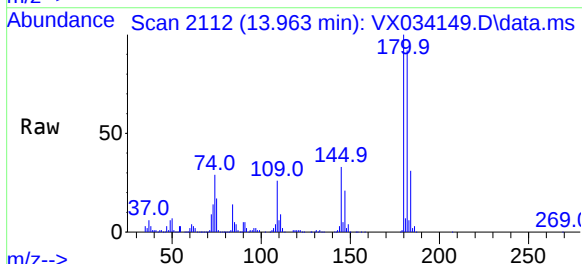
Tgt Ion:128 Resp: 44776
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.749 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034149.D
Acq: 17 Feb 2023 10:18



Tgt Ion:180 Resp: 128126
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 33.2 15.1 45.3

